The Times

SURVEY ATLAS OF THE WORLD

A COMPREHENSIVE SERIES OF NEW AND AUTHENTIC MAPS
REDUCED FROM THE NATIONAL SURVEYS OF THE WORLD AND
THE SPECIAL SURVEYS OF TRAVELLERS AND EXPLORERS WITH
GENERAL INDEX OF OVER TWO HUNDRED THOUSAND NAMES

Prepared at the "Edinburgh Geographical Institute"
under the direction of

J. G. BARTHOLOMEW, LL.D., F.R.S.E., F.R.G.S.

CARTOGRAPHER TO THE KING

VICTORIA GOLD MEDALLIST OF THE ROYAL GEOGRAPHICAL SOCIETY

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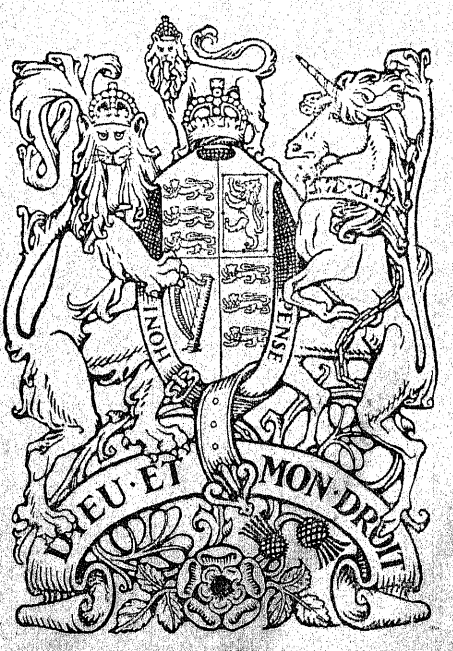

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1920.

TO HIS MAJESTY

KING GEORGE V

The Times

SURVEY ATLAS OF THE WORL

IS BY HIS MOST GRACIOUS PERMISSION

RESPECTFULLY DEDICATED

BY HIS MAJESTY'S CARTOGRAPHER

J. G. BARTHOLOMEW.

The Times

SURVEY ATLAS OF THE WORLD

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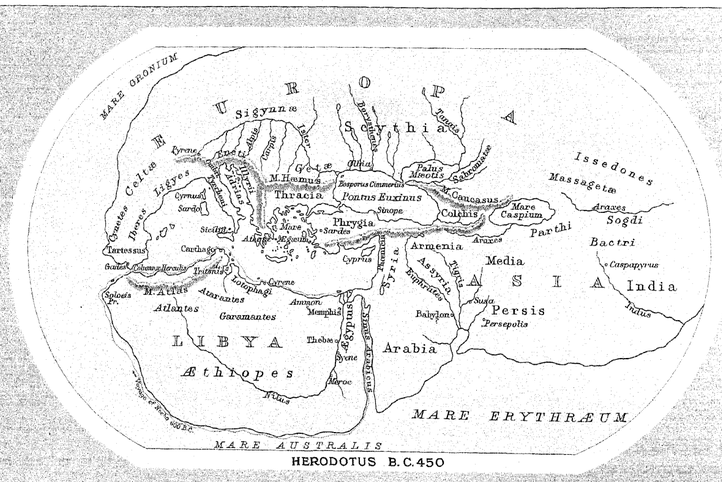
MAPPING OF THE WORLD

MAPPING OF THE WORLD



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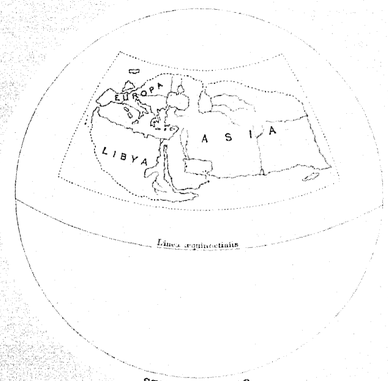
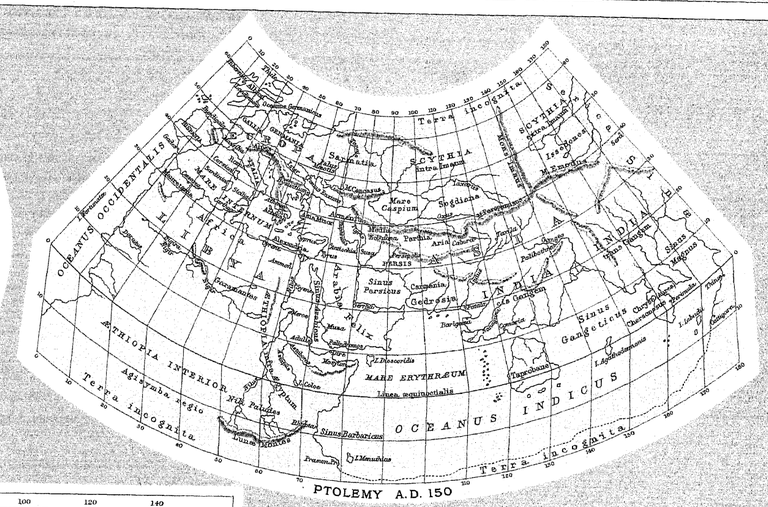


STRABO A.D.18

MELA A.D. 43



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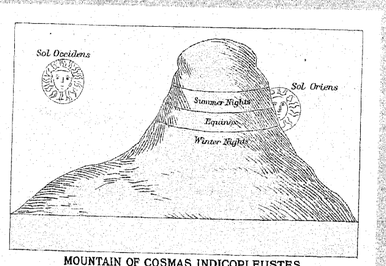
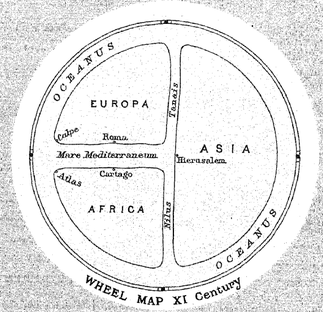
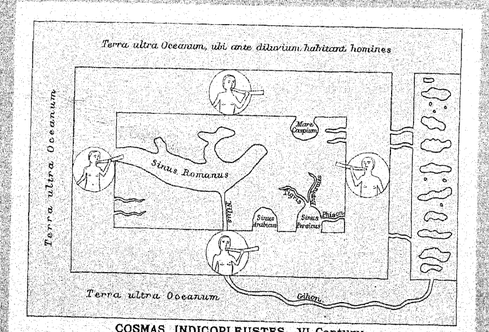


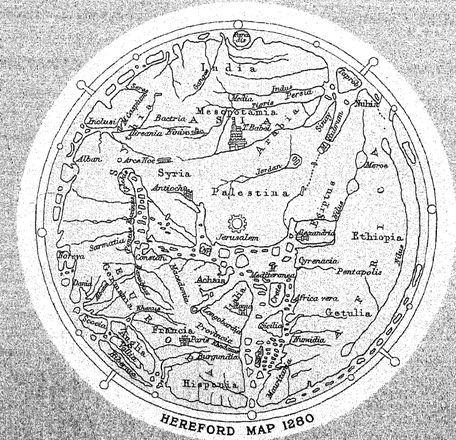
MOUNTAIN OF COSMAS INDICOPLEUSTES



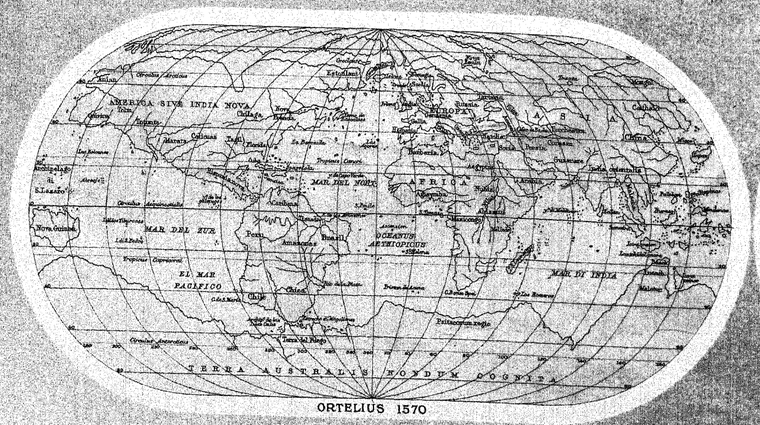
WHEEL MAP XI Century



COSMAS INDICOPLEUSTES VI Century



HEREFORD MAP 1280



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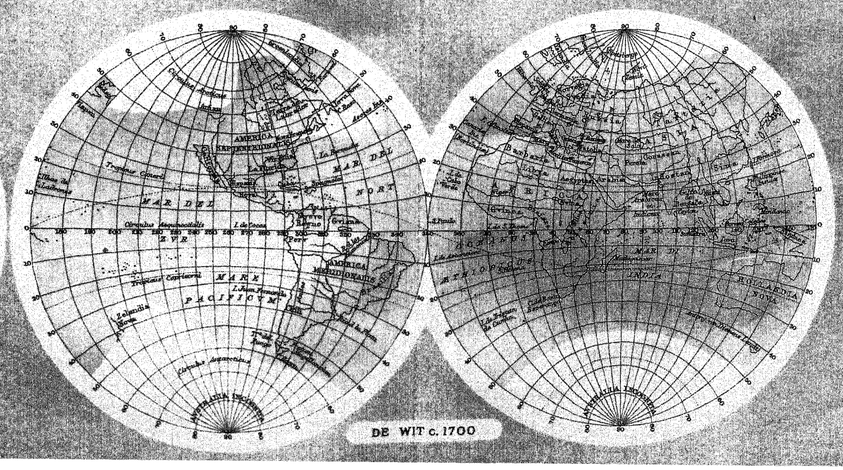

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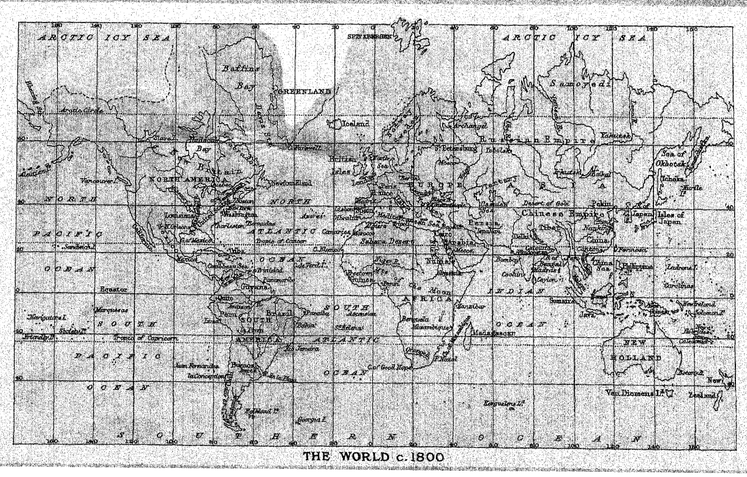
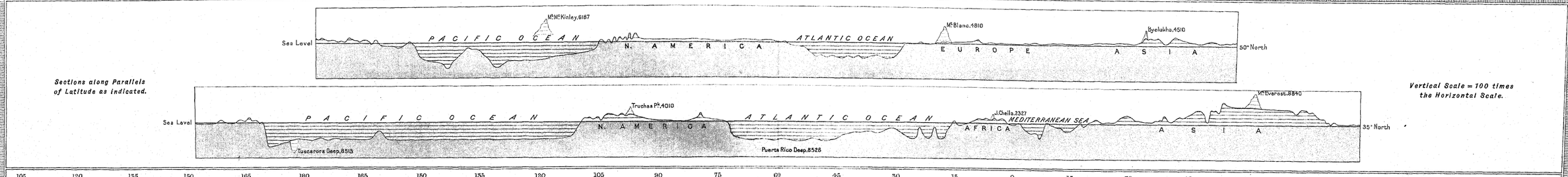


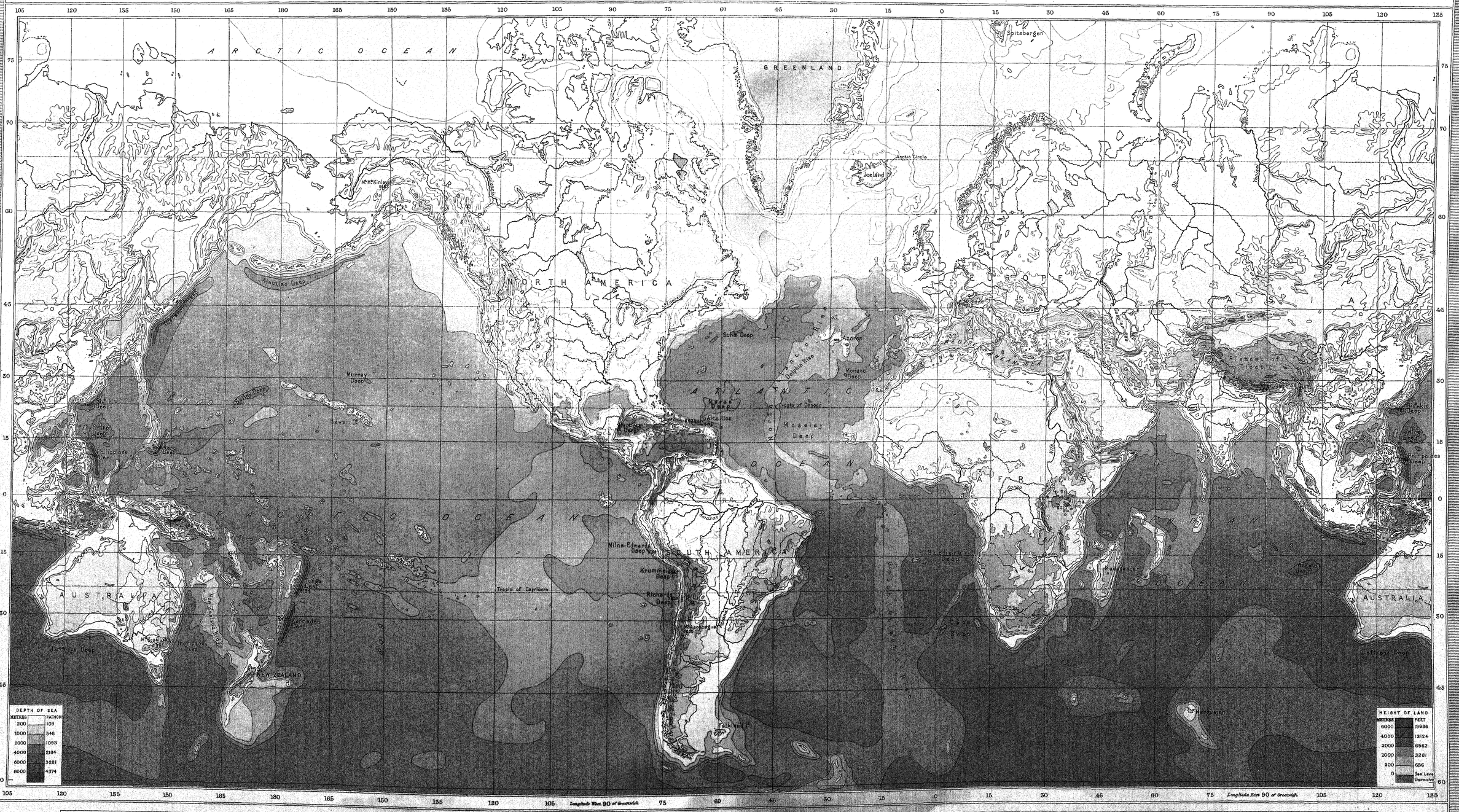
THE WORLD c. 1800

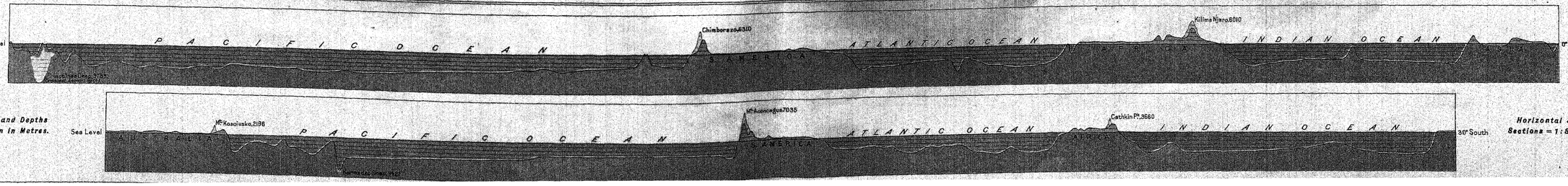
WORLD

BATHY-OROGRAPHICAL

WORLD - BATHY-OROGRAPHICAL







WORLD

CLIMATE

WORLD - CLIMATE

TEMPERATURE—JANUARY

The figures indicate the Temperature in Degrees Fahrenheit

Zone where Sun is vertical at noon

RAINFALL—JANUARY

The figures indicate the Rainfall in Inches

Zone where Sun is vertical at noon

PRESSURE AND WINDS—JANUARY

The Barometric Pressure is given in Inches

The Arrows indicate the direction of the Prevailing Winds

TEMPERATURE—JULY

The figures indicate the Temperature in Degrees Fahrenheit

Zone where Sun is vertical at noon

RAINFALL—JULY

The figures indicate the Rainfall in Inches

Zone where Sun is vertical at noon

PRESSURE AND WINDS—JULY

The Barometric Pressure is given in Inches

The Arrows indicate the direction of the Prevailing Winds

TEMPERATURE—ANNUAL

The figures indicate the Temperature in Degrees Fahrenheit

RAINFALL—MEAN ANNUAL

The figures indicate the Rainfall in Inches

STORM TRACKS AND FREQUENCY

The colouring indicates the Annual Storm frequency per 5° square

From 15° N. to 20-11 W.

From 12° N. on 3-8 W.

The path of a "Baguio" from lat. 12° N. in Western Pacific Ocean

The path of a cyclonic depression from Mid-Atlantic in 42° N.

The irregular path of a cyclonic depression from the Great Lakes to the Azores

THERMAL REGIONS

Cold at all Seasons
Cool Summers, Cold Winters
Cool at all Seasons
Warm Summers, Cold Winters
Warm Summers, Cool Winters
Warm at all Seasons
Hot Summers, Cold Winters
Hot Summers, Cool Winters
Hot Summers, Warm Winters
Hot at all Seasons

SEASONAL RAINFALL

Rain at all Seasons
Maximum in Summer
Maximum in Winter
Constant Drought

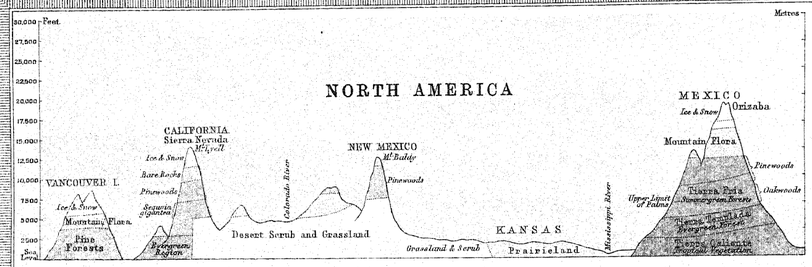
Periodic Rains
Double Maximum
Rainy Season, Summer
Rainy Season, Winter
Rainy Season, Spring

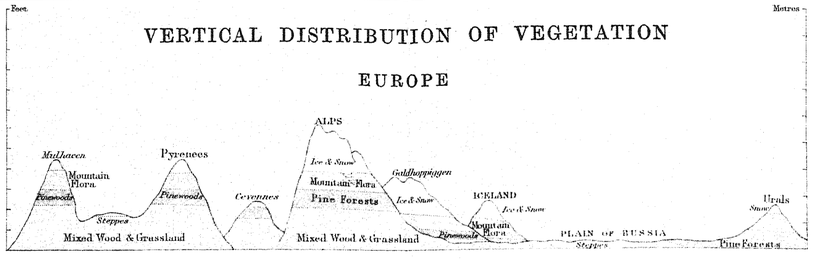
WORLD

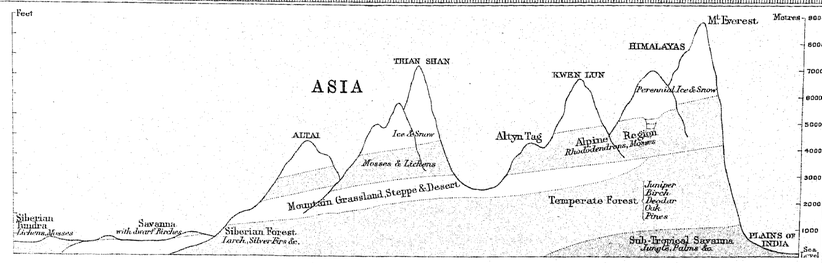
VEGETATION & OCEAN CURRENTS

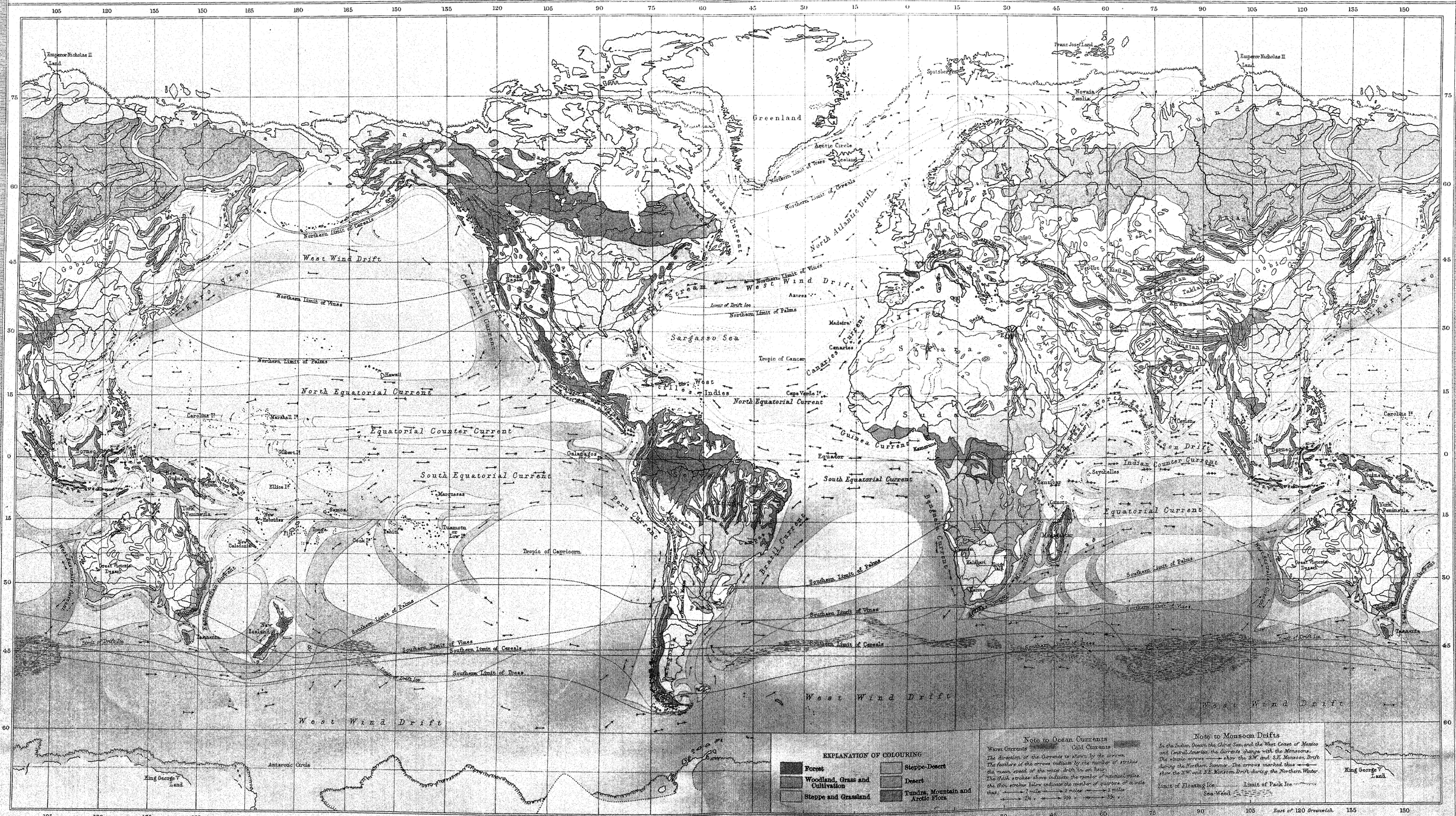
WORLD - VEGETATION & OCEAN CURRENTS

VERTICAL DISTRIBUTION OF VEGETATION





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Emperor Nicholas II Land
Franz Josef Land
Spitsbergen
Novaia Zemlia
Greenland
Arctic Circle
Iceland
Labrador Current
North Atlantic Drift
Northern Limit of Trees
Northern Limit of Cereals
West Wind Drift
Northern Limit of Vines
Northern Limit of Palms
Sargasso Sea
Azores
Madeira
Canaries
Current
Tropic of Cancer
Cape Verde Is.
West Indies
North Equatorial Current
Equatorial Counter Current
South Equatorial Current
Guinea Current
Equador
Brazil Current
Peru Current
Tropic of Capricorn
Southern Limit of Palms
Southern Limit of Vines
Southern Limit of Cereals
Southern Limit of Trees
Limit of Drift Ice
Antarctic Circle
King George V Land
Alaska
Hawaii
Carolina Is.
Marshall Is.
Gilbert Is.
Ellice Is.
Marquesas
Samoa
New Hebrides
Fiji
Tonga
Cook Is.
Tahiti
Tuamotu or Low Is.
New Caledonia
New Zealand
Tasmania
Great Victoria Desert
York Peninsula
Borneo
New Guinea
Celebes
Sumatra
Java
Ceylon
Seychelles
Zanzibar
Comoro
Madagascar
Zambesi
Kalahari Desert
Namaqua
Great Australian Bight
Great Sandy Desert
Great Victoria Desert
Great Western Plateau
Gobi
Kuro Siwo
Oyo Shio
Kamchatka Current
Japan Current
Aleutian Current
Californian Current
Labrador Current
Brazil Current
Benguela Current
Agulhas Current
Mozambique Current
Indian Counter Current
Equatorial Current
West Australian Current
Tasmanian Current
Monsoon Drift
Pacific Ocean
Atlantic Ocean
Indian Ocean
Arctic Ocean
Southern Ocean
Sea of Japan
Yellow Sea
China Sea
Java Sea
Timor Sea
Arafura Sea
Coral Sea
Tasman Sea
Bay of Bengal
Arabian Sea
Red Sea
Persian Gulf
Caspian Sea
Aral Sea
Black Sea
Mediterranean Sea
Baltic Sea
Hudson Bay
Gulf of Mexico
Caribbean Sea
Gulf of Guinea
Gulf of Aden
Gulf of Carpentaria
Great Australian Bight
Behring Sea
Sea of Okhotsk
Kara Sea
Barents Sea
White Sea
Irish Sea
North Sea
Gulf of Bothnia
Gulf of Finland
Gulf of Riga
Gulf of Lyons
Gulf of Venice
Gulf of Genoa
Gulf of Sidra
Gulf of Cabes
Gulf of Suez
Gulf of Aqaba
Gulf of Oman
Gulf of Cambay
Gulf of Martaban
Gulf of Siam
Gulf of Tonkin
Gulf of Pechili
Gulf of Corea
Gulf of Anadir
Gulf of Alaska
Gulf of California
Gulf of Panama
Gulf of Mexico

WORLD

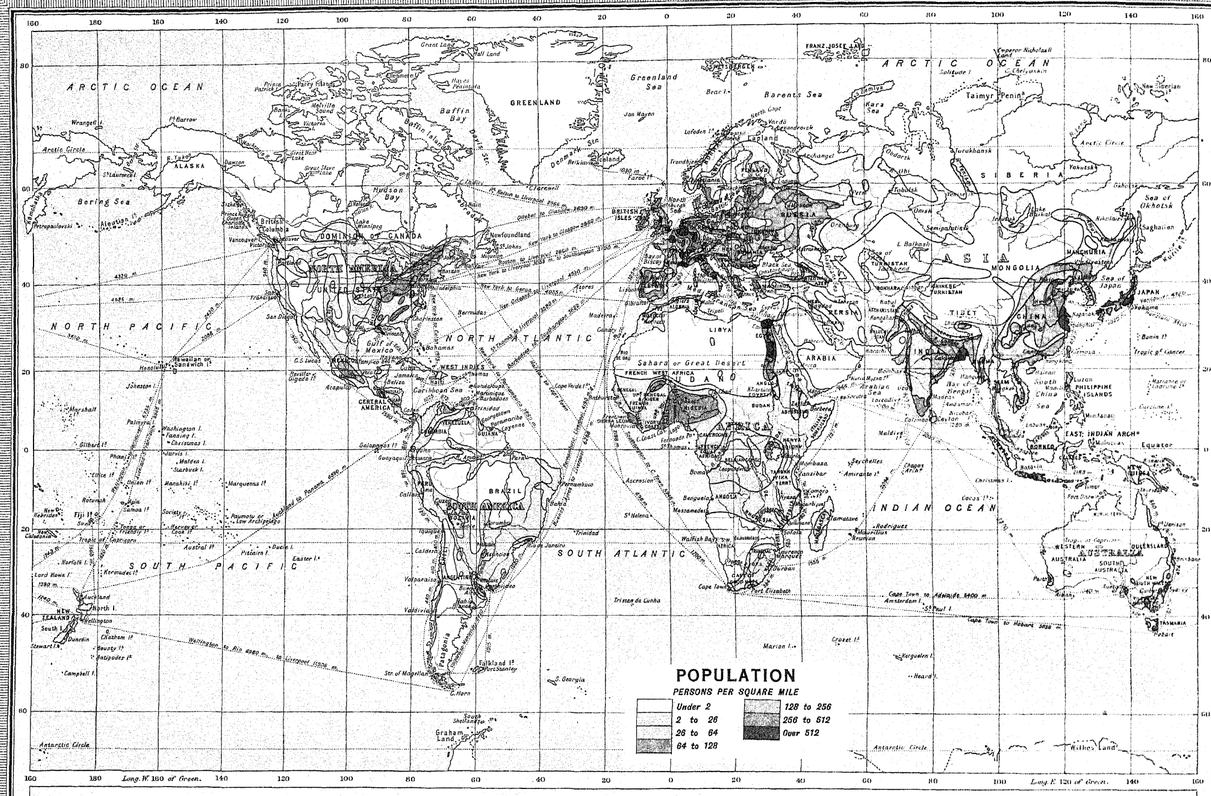
POPULATION

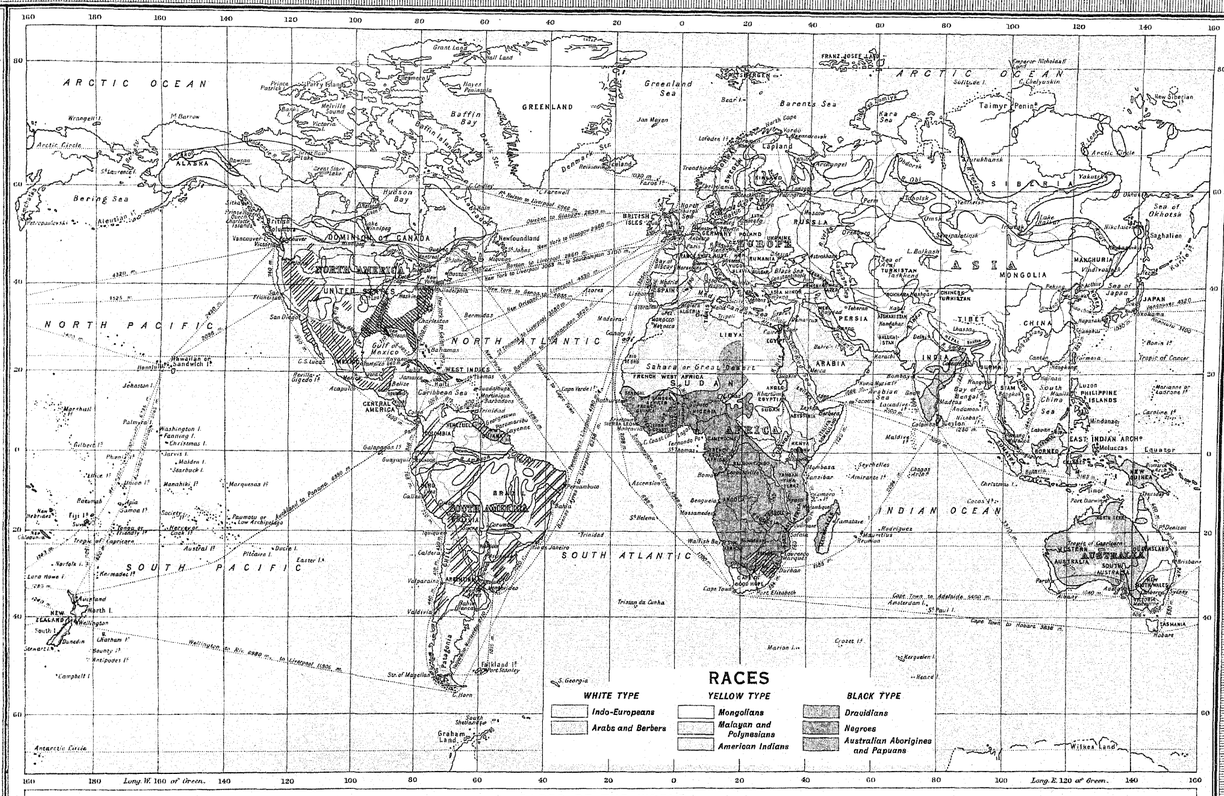
RACES

RELIGIONS

LANGUAGES

WORLD - POPULATION &c.



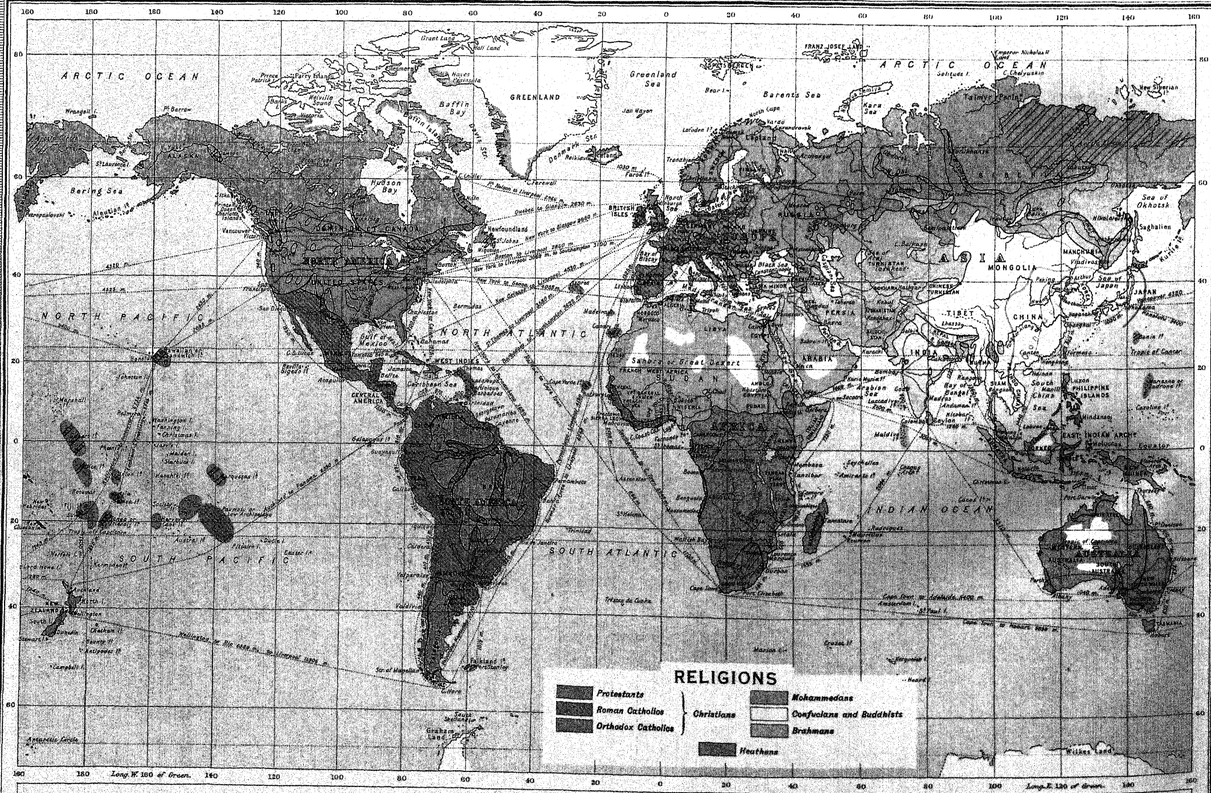


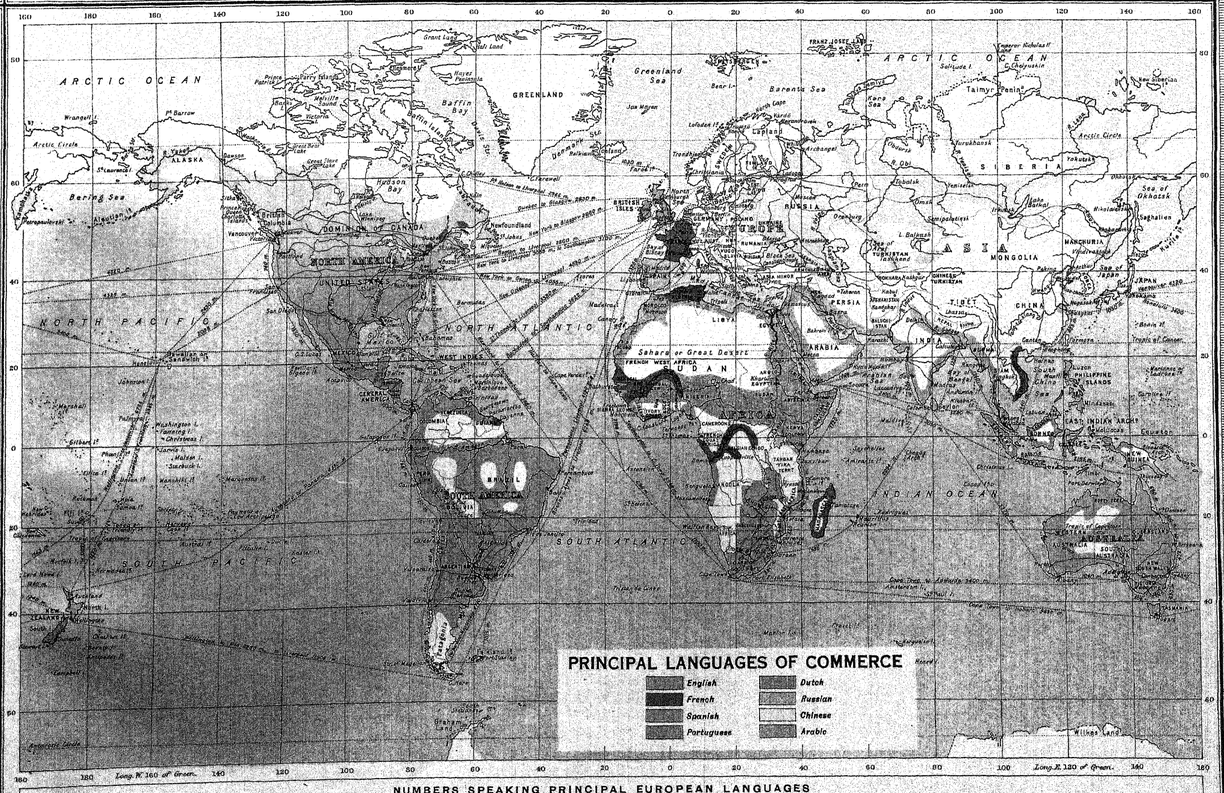
POPULATION OF THE WORLD

ASIA 900 Millions	EUROPE 400 Millions	AFRICA 190 Millions	N. AMERICA 120 Millions	S. AMERICA 38 Millions	OCEANIA 5 Millions

RACES OF THE WORLD

MONGOLIAN 655 Millions	CAUCASIAN 845 Millions	NEGRO 190 Millions	SEMITIC 87 Millions	MALAYAN 82 Millions	RED INDIAN 38 Millions





RELIGIONS OF THE WORLD

CHRISTIANS 685 Millions: ROMAN CATHOLICS 273 Millions	CHRISTIANS 685 Millions: ORTHODOX CATHOLICS 126 Millions	CHRISTIANS 685 Millions: PROTESTANTS 172 Millions	CONFUCIANS 301 Millions	MOHAMMEDANS 222 Millions	BRAHMANS 210 Millions	ANIMISTS 158 Millions	BUDDHISTS 139 Millions	JEWS 12 Millions	SHINTOISTS 12 Millions	TAOISTS 6 Millions

NUMBERS SPEAKING PRINCIPAL EUROPEAN LANGUAGES

ENGLISH 160 Millions	GERMAN 100 Millions	RUSSIAN 100 Millions	FRENCH 70 Millions	SPANISH 50 Millions	ITALIAN 50 Millions	PORTUGUESE 25 Millions

WORLD

COMMERCIAL DEVELOPMENT

OCCUPATIONS

MEANS OF TRAFFIC

COMMERCIAL DEVELOPMENT

NOTE TO LAND COLOURING

- Regions at present engaged in International Commerce
- Regions capable of Commercial Development but at present undeveloped
- Regions open to Commercial Enterprise only during Summer Months
- Barren and Desert Regions incapable of Commercial Development

NOTE TO SEA COLOURING

- Seas open to Navigation throughout the year
- Seas filled with Ice in Winter, and only open to Navigation in Summer

Steamship distances are given in Nautical Miles

Principal Railways shown thus ——

OCCUPATIONS

- Hunting, Fishing and Collecting
- Primitive Agriculture
- Agriculture
- Stock Rearing
- Mining
- Manufactures
- Fisheries

MEANS OF TRAFFIC

- Railway
- Horse and Mule
- Dog and Reindeer Sledges
- Camel and Horse
- Ox
- Llama
- Yak
- Human Carriage

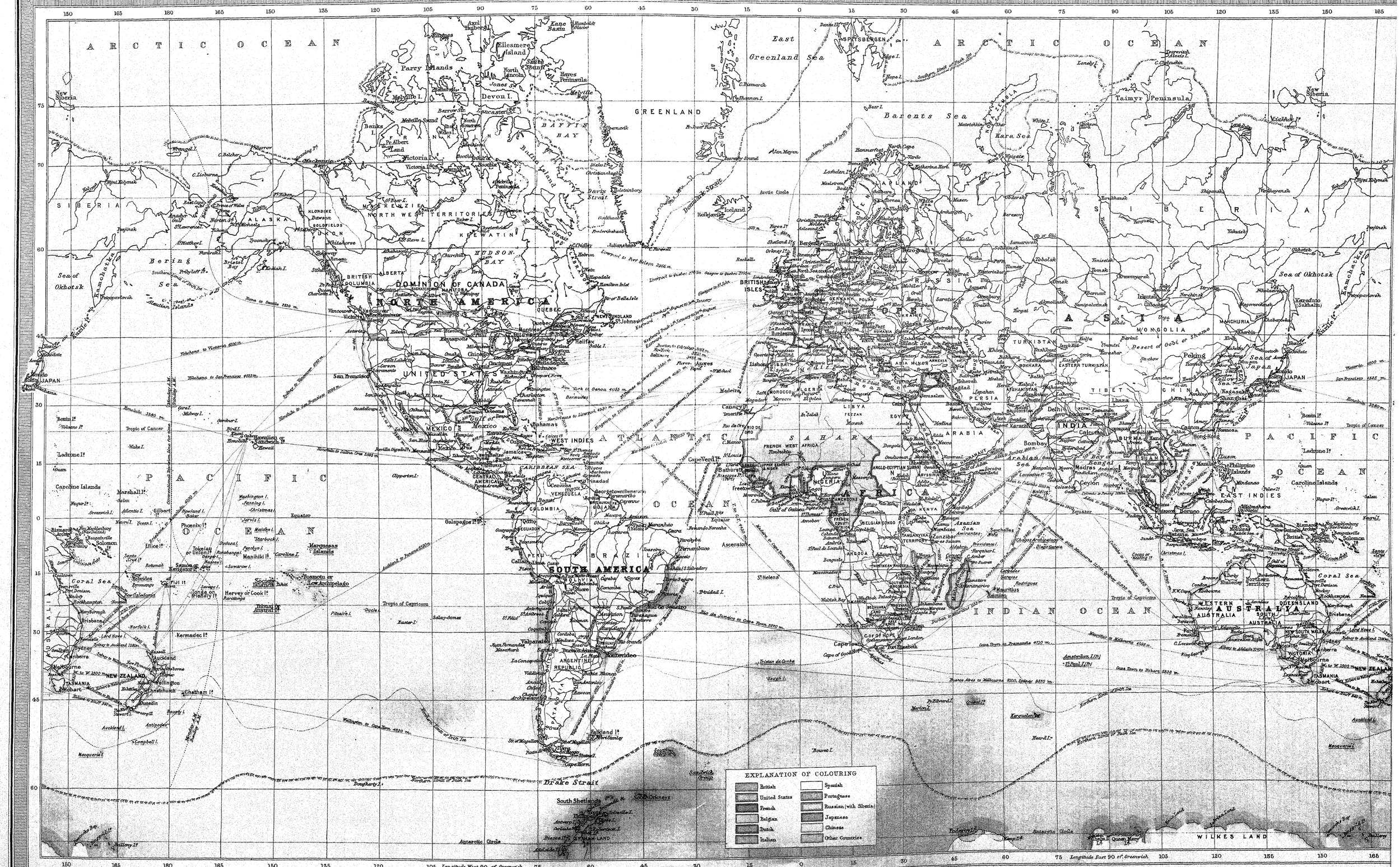
Principal Routes
Navigable Rivers

WORLD

POLITICAL

MERCATOR'S PROJECTION

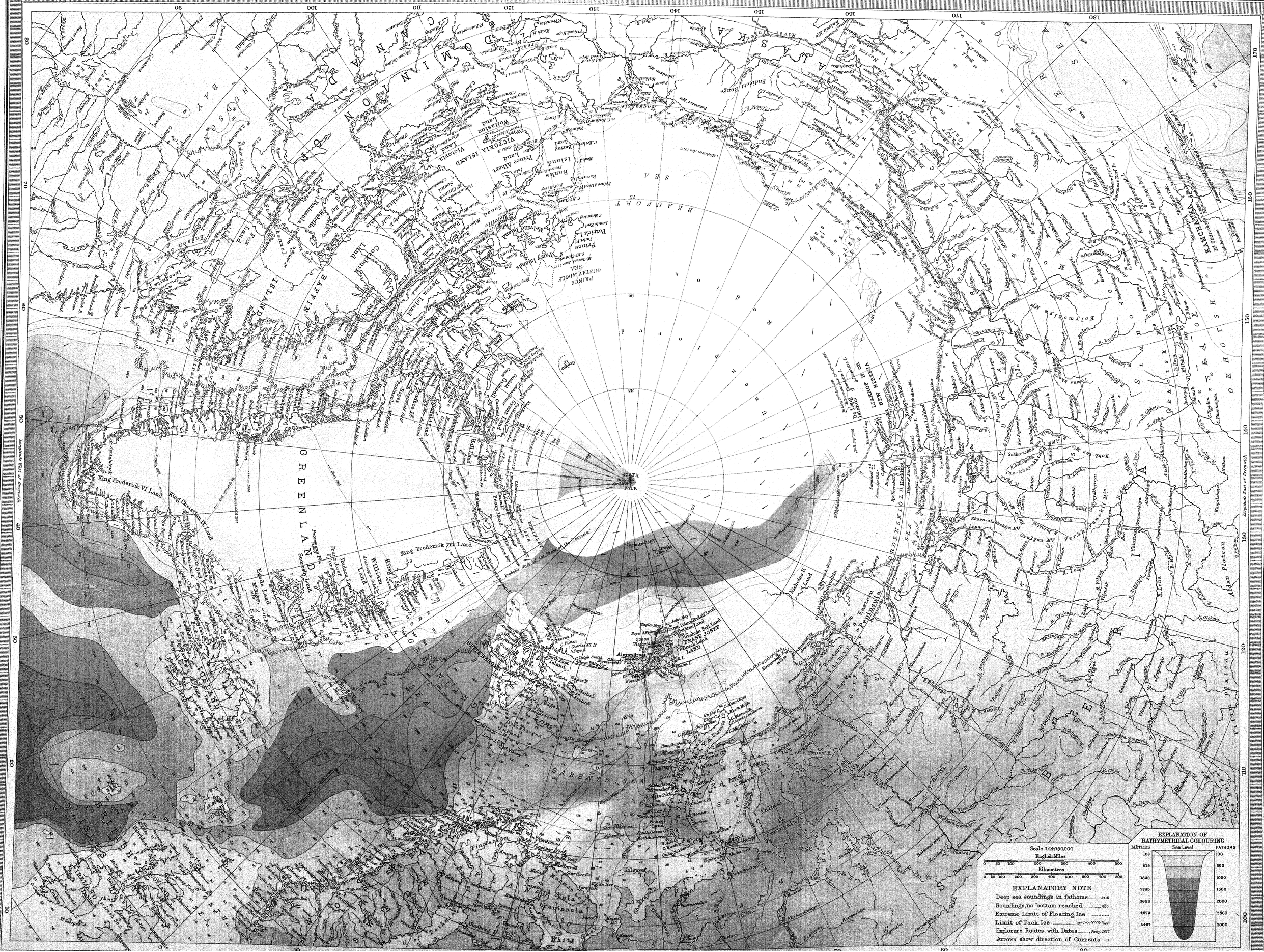
WORLD-POLITICAL


ARCTIC OCEAN
GREENLAND
Ellesmere Island
Parry Islands
Devon I.
Baffin Bay
Davis Strait
Hudson Bay
Hudson Strait
Greenland Sea
Barents Sea
Kara Sea
Taimyr Peninsula
New Siberia
Spitsbergen
Iceland
Jan Mayen
Bear I.
Hope I.
Franz Josef Land
Nova Zembla
Arctic Circle
NORTH AMERICA
DOMINION OF CANADA
NORTH WEST TERRITORIES
ALASKA
YUKON
KLONDIKE
GOLDFIELDS
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
MANITOBA
QUEBEC
NEWFOUNDLAND
UNITED STATES
MEXICO
Gulf of Mexico
WEST INDIES
Bahamas
Jamaica
Cuba
CARIBBEAN SEA
CENTRAL AMERICA
SOUTH AMERICA
VENEZUELA
COLOMBIA
ECUADOR
PERU
BRAZIL
BOLIVIA
CHILE
ARGENTINE REPUBLIC
Galapagos Is.
Trinidad I.
St Helena
Ascension
Tristan da Cunha
Falkland Is.
Cape Horn
Drake Strait
South Shetlands
South Orkneys
GRAHAM LAND
Antarctic Circle
EUROPE
RUSSIA
BRITISH ISLES
GERMANY
POLAND
SCANDINAVIA
Iceland
Bergen
Christiania
Stockholm
Petrograd
Moscow
Berlin
London
Paris
Vienna
Warsaw
Odessa
Sebastopol
Constantinople
Lisbon
Madrid
Rome
Athens
Gibraltar
Malta
Cyprus
ASIA
SIBERIA
TURKISTAN
MONGOLIA
MANCHURIA
CHINA
TIBET
PERSIA
AFGHANISTAN
ARABIA
INDIA
Peking
Yellow Sea
Sea of Japan
Japan
JAPAN
Hong-Kong
Canton
Shanghai
Calcutta
Bombay
Madras
Delhi
Karachi
Ceylon
BURMA
Rangoon
Bay of Bengal
Arabian Sea
Philippine Islands
Borneo
Sumatra
Java
EAST INDIES
Caroline Islands
Marshall Is.
Gilbert
Solomon Is.
Fiji Is.
Samoa or Navigator Is.
Tonga or Friendly Is.
Society Islands
Marquesas Islands
Hawaiian or Sandwich Is.
Phoenix Is.
Ellice Is.
Tokelau or Union Is.
Manihiki Is.
Hervey or Cook Is.
Tubuai or Austral Is.
Low Archipelago
Tuamotu or
Kermadec Is.
Norfolk I.
Auckland
Wellington
Christchurch
Dunedin
Chatham Is.
NEW ZEALAND
TASMANIA
Hobart
Melbourne
Sydney
Brisbane
Canberra
Adelaide
Perth
Fremantle
Coral Sea
Great Barrier Reef
Torres Strait
Gulf of Carpentaria
Arafura Sea
Timor Sea
Timor
Java Sea
Celebes
Celebes Sea
Sulu Archipelago
Palawan
Philippine Islands
Manila
Luzon
Mindanao
Borneo
Sumatra
Java

NORTH POLAR REGIONS

SCALE 1:14,000,000

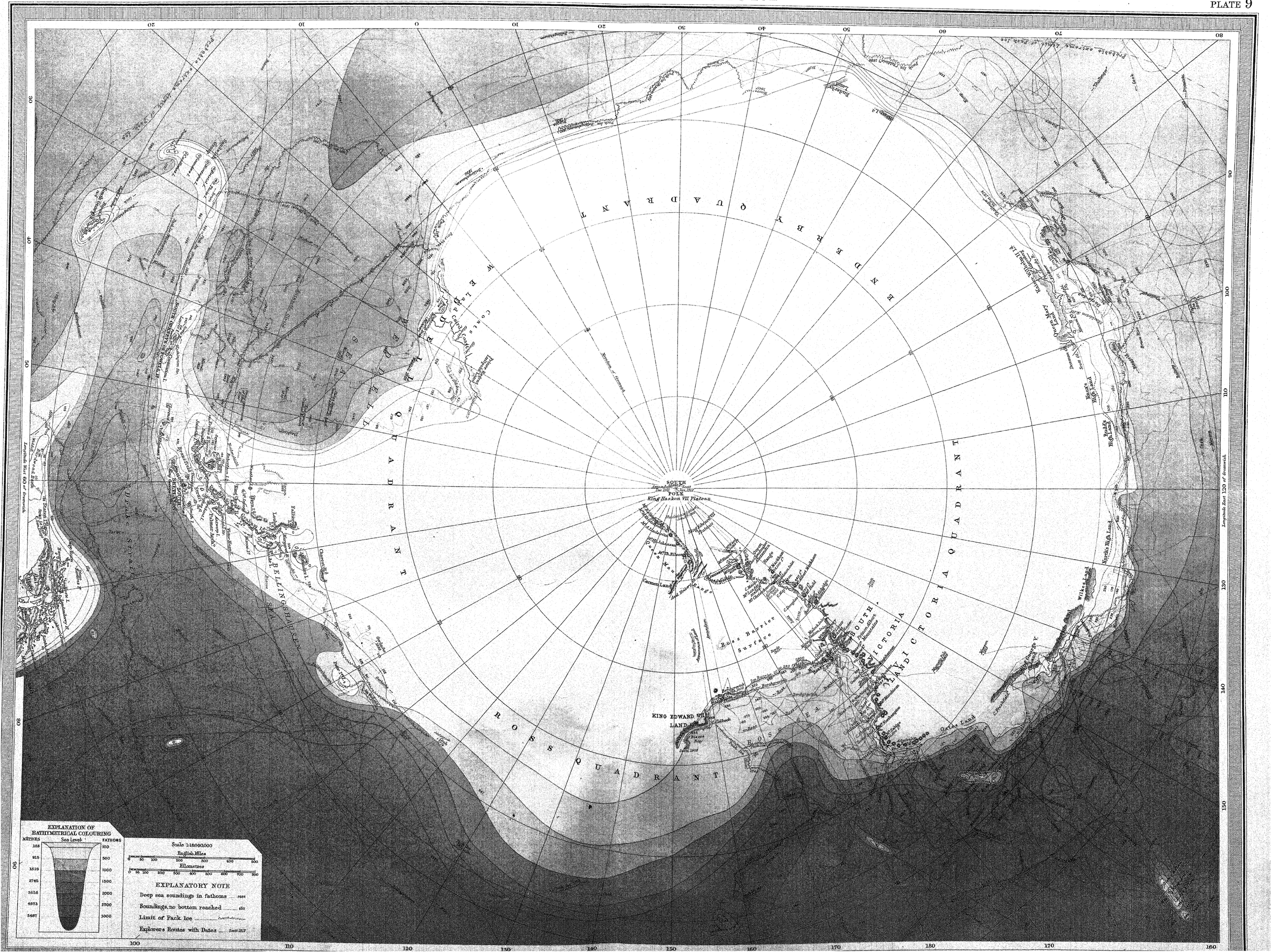
NORTH POLAR REGIONS



SOUTH POLAR REGIONS

SCALE 1:14,000,000

SOUTH POLAR REGIONS


EXPLANATION OF BATHYMETRICAL COLOURING
METRES
Sea Level
FATHOMS
183
915
1829
2745
3658
4573
5487
100
500
1000
1500
2000
2500
3000
Scale 1:13000000
English Miles
0 50 100 200 300 400 500
Kilometres
0 50 100 200 300 400 500 600 700 800
EXPLANATORY NOTE
Deep sea soundings in fathoms
Soundings, no bottom reached
Limit of Pack Ice
Explorers Routes with Dates
Scott 1912
SOUTH POLE
King Haakon VII Plateau
Amundsen 14 Dec. 1911
Scott 17 Jan. 1912
King Edward VII Plateau
Mt. Markham
Mt. Huddleston
Mt. Johansen
Mt. Nilsen
Mt. Kirkpatrick
Carmen Land
Mt. Herbert
Mt. Longs
Mt. Wilson
Mt. Bayley
Mt. Dickason
Mt. Lister
Mt. Hope
Mt. Murchison
Mt. Minto
Mt. Hooker
Mt. Sidley
Mt. Gladstone
Mt. Lyttelton
Mt. Franklin
Mt. Sabine
Mt. Crean
Mt. Cocks
Mt. Darwin
Mt. Buckley
Mt. Dana
Mt. Lowell
Mt. Kaye
Mt. Wharton
Mt. Hall
Mt. Rittmann
Mt. Weaver
Mt. Bowman
Mt. Gilbert
Mt. Gauss
Mt. Albert
Mt. Ruppert
Mt. Ferrar
Mt. Boyle
Mt. Dennistoun
Mt. Hughes
Mt. Hunter
Mt. Wallace
Mt. Hamilton
Mt. Lloyd
Mt. Lucas
Mt. Lubbock
Mt. Bowers
Mt. Hooper
Mt. Dickinson
Mt. Fridtjof Nansen
Mt. Melbourne
Mt. Terror
Mt. Erebus
Mt. Discovery
Mt. Morning
Mt. Bird
Mt. Parr

EUROPE

POLITICAL MAP

EUROPE - POLITICAL

Scale 1: 10,000,000

English Miles 0 50 100 200 300 400 500

Kilometres 0 50 100 200 300 400 500 600 700 800

ARCTIC OCEAN

ATLANTIC OCEAN

ICELAND

Arctic Circle

NORWAY

SWEDEN

FINLAND

Kola Peninsula

White Sea

Gulf of Bothnia

Gulf of Finland

Gulf of Riga

Gulf of Archangel

Gulf of Onega

Gulf of Obb

Kara Sea

Pae-Khoi Mts.

Timan Mountains

Ural Mountains

SIBERIA

Lake Ladoga

Lake Onega

Lake Peipus

Lake Ilmen

Lake Chudskoye

ESTONIA

LATVIA

LITHUANIA

RUSSIA

BELORUSSIA

POLAND

GERMANY

DENMARK

BRITISH ISLES

IRELAND

SCOTLAND

ENGLAND

WALES

NORTH SEA

Skager Rack

Kattegat

Baltic Sea

English Channel

Bay of Biscay

Irish Sea

Hebrides

Orkney Is.

Shetland Is.

Faroes

NETHERLANDS

BELGIUM

LUXEMBOURG

FRANCE

SWITZERLAND

AUSTRIA

HUNGARY

CZECHOSLOVAKIA

YUGOSLAVIA

ROMANIA

BULGARIA

GREECE

ALBANIA

TURKEY

CRIMEA

SEA OF AZOV

BLACK SEA

GEORGIA

AZERBAIJAN

ARMENIA

CASPIAN SEA

PERSIA

MESOPOTAMIA

SYRIA

Syrian Desert

CYPRUS

Mediterranean Sea

Tyrrhenian Sea

Ionian Sea

Sea of Crete

Sea of Marmara

Aegean Sea

Gulf of Sidra

Gulf of Gabes

Gulf of Hammamet

Gulf of Tunis

Gulf of Bougie

Gulf of Bone

Gulf of Genoa

Gulf of Lyons

Gulf of Valencia

Gulf of Cadiz

MOROCCO

ALGERIA

TUNISIA

SARDINIA

CORSICA

Balearic Is.

Canary Is.

Madeira

Azores

Cape Verde Is.

Spanish Sahara

Mauritania

Senegal

Gambia

Portuguese Guinea

Guinea

Sierra Leone

Liberia

Ivory Coast

Gold Coast

Togo

Dahomey

Nigeria

Cameroon

Spanish Guinea

Gabon

Fr. Equatorial Africa

Belgian Congo

Angola

Rhodesia

Nyasaland

Mozambique

Bechuanaland

South West Africa

Union of South Africa

Basutoland

Swaziland

Natal

Madagascar

Mauritius

Reunion

Comoro Is.

Seychelles

Aldabra

Amirante Is.

Farquhar Is.

Chagos Is.

Diego Garcia

Cocos Is.

Christmas I.

Ashmore & Cartier Is.

Australia

Western Australia

Northern Territory

Queensland

New South Wales

Victoria

South Australia

Tasmania

Lord Howe I.

Norfolk I.

New Caledonia

New Hebrides

Fiji Is.

Tonga Is.

Samoa

Cook Is.

Society Is.

Tuamotu Is.

Marquesas Is.

Gilbert Is.

Ellice Is.

Phoenix Is.

Line Is.

Pitcairn I.

Easter I.

Juan Fernandez Is.

Kermadec Is.

Chatham Is.

Auckland Is.

Campbell I.

Macquarie I.

Antarctic Circle

Tropic of Cancer

Equator

Tropic of Capricorn

Greenwich Meridian

Prime Meridian

Great Circle Routes

Rhumb Line Routes

Distances in Nautical Miles

Distances in Statute Miles

Distances in Kilometres

Time Zones

Boundaries

Railways

Canals

Mountains

Rivers

Lakes

Towns

Capitals

Ports

Airports

Islands

Peninsulas

Deserts

Forests

Glaciers

Coastline

Contours

Spot Heights

Soundings

Scale 1: 10,000,000

English Miles 0 50 100 200 300 400 500

Kilometres 0 50 100 200 300 400 500 600 700 800

EUROPE

OROGRAPHY

VEGETATION

RACES

POPULATION

EUROPE - PHYSICAL FEATURES & POPULATION

OROGRAPHY

NOTE TO COLOURING

10000 Feet
6000
3000
1500
600
SEA LEVEL
Below Sea Surface
100 Fathoms

VEGETATION

NOTE TO COLOURING

Woodland, Grassland, and Cultivation
Forest
Steppe and Grassland
Mountain Flora

ETHNOGRAPHY

POPULATION

NOTE TO COLOURING
PERSONS PER SQUARE MILE

Under 26
26 to 64
64 to 128
128 to 192
192 to 256
256 to 512
Over 512

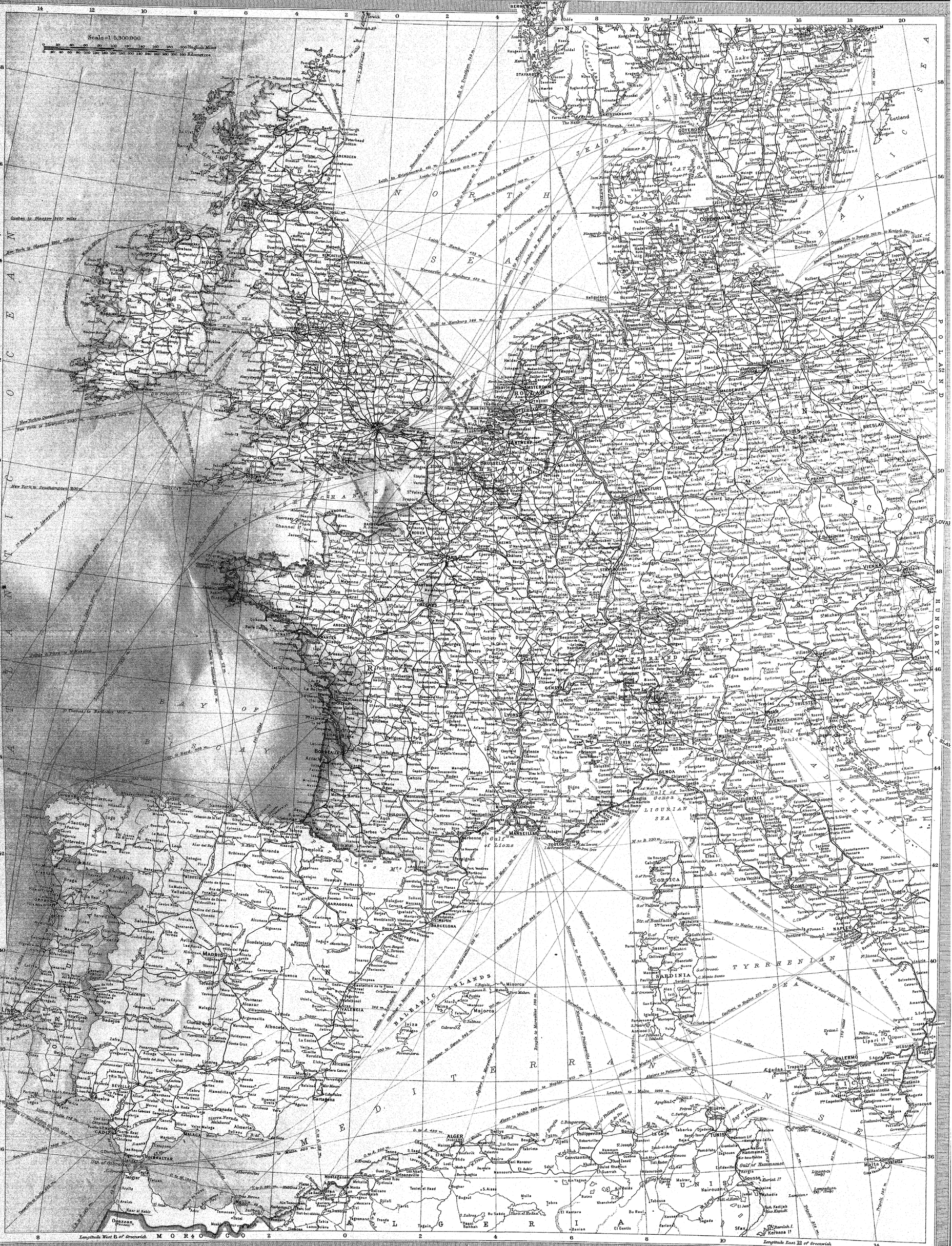
Longitude East of Greenwich

WESTERN EUROPE

POLITICAL

SCALE 1 : 5,000,000

WESTERN EUROPE - COMMUNICATIONS

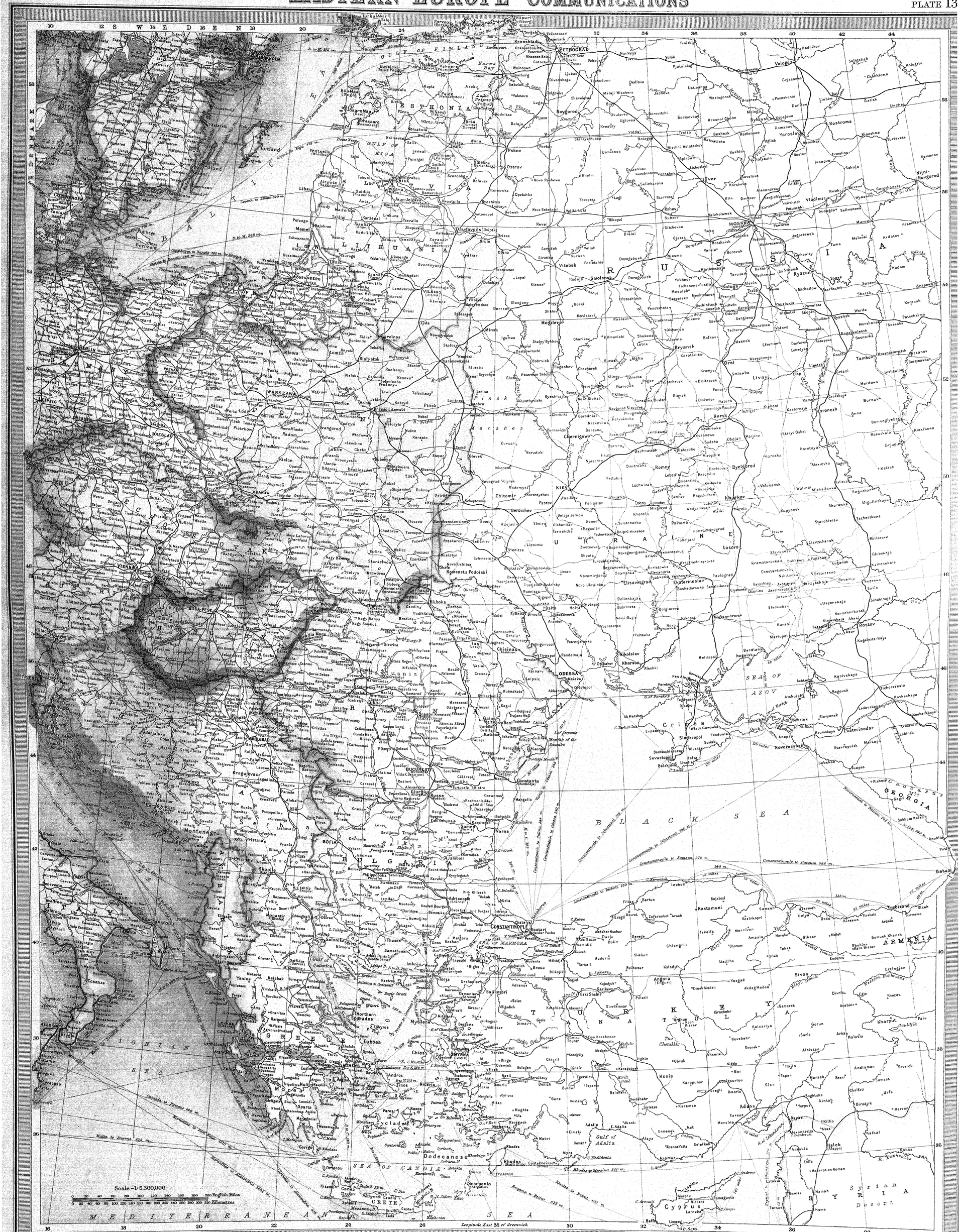

Scale - 1:5,300,000
0 30 40 60 80 100 120 140 160 180 200 English Miles
0 30 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 Kilometres
NORWAY
SWEDEN
DENMARK
NORTH SEA
SKAGERRAK
CATTEGAT
BALTIC SEA
GERMANY
POLAND
HOLLAND
BELGIUM
FRANCE
ENGLISH CHANNEL
BAY OF BISCAY
SPAIN
PORTUGAL
MEDITERRANEAN SEA
BALEARIC ISLANDS
SWITZERLAND
AUSTRIA
HUNGARY
CZECHOSLOVAKIA
ITALY
LIGURIAN SEA
TYRRHENIAN SEA
ADRIATIC SEA
CORSICA
SARDINIA
SICILY
TUNISIA
ALGERIA
MOROCCO
GIBRALTAR
MALTA
CHRISTIANIA
STOCKHOLM
GOTEBORG
COPENHAGEN
HAMBURG
BERLIN
AMSTERDAM
ROTTERDAM
ANTWERP
BRUSSELS
LONDON
PARIS
MARSEILLES
LYONS
MILAN
VENICE
GENOA
FLORENCE
ROME
NAPLES
PALERMO
MESSINA
VIENNA
PRAGUE
BUDAPEST
MUNICH
STUTTGART
FRANKFURT
COLOGNE
LEIPZIG
DRESDEN
BRESLAU
BORDEAUX
MADRID
BARCELONA
LISBON
SEVILLE
VALENCIA
ALGIERS
TUNIS
BIZERTA
Quebec to Glasgow 1600 miles
New York to Glasgow 2815 miles
New York to Queenstown 2892 m.
New York to Liverpool 3080 m.
New York to Southampton 3100 m.
St Thomas to Liverpool 3815 m.
St Thomas to Bordeaux 4200 m.
St Thomas to Finisterre 3930 m.
Halifax to Liverpool 2420 m.
Halifax to Glasgow 2500 m.
Halifax to Queenstown 2400 m.
Halifax to Bordeaux 2700 m.
Halifax to Finisterre 2600 m.
Halifax to Gibraltar 2900 m.
Halifax to Malta 3600 m.
Halifax to Azores 1900 m.
Halifax to Bermuda 1050 m.
Bermuda to Azores 1900 m.
Bermuda to Gibraltar 2200 m.
Bermuda to Malta 2400 m.
Bermuda to Finisterre 2400 m.
Bermuda to Bordeaux 2500 m.
Bermuda to Queenstown 2100 m.
Bermuda to Liverpool 2700 m.
Bermuda to Glasgow 2800 m.
Azores to Gibraltar 1000 m.
Azores to Malta 2000 m.
Azores to Finisterre 1000 m.
Azores to Bordeaux 1200 m.
Azores to Queenstown 1200 m.
Azores to Liverpool 1600 m.
Azores to Glasgow 1700 m.
Gibraltar to Malta 980 m.
Gibraltar to Marseilles 850 m.
Gibraltar to Genoa 845 m.
Gibraltar to Naples 975 m.
Malta to Marseilles 1050 m.
Malta to Genoa 1000 m.
Malta to Naples 670 m.
Malta to Brindisi 500 m.
Malta to Messina 350 m.
Malta to Syracuse 180 m.
Malta to Tripoli 500 m.
Malta to Bizerta 360 m.
Malta to Algiers 580 m.
Malta to Tunis 360 m.
Malta to Benghazi 1000 m.
Malta to Alexandria 1000 m.
Malta to Port Said 1100 m.
Malta to Beirut 1400 m.
Malta to Smyrna 1400 m.
Malta to Constantinople 1600 m.
Malta to Piraeus 1000 m.
Malta to Corfu 800 m.
Malta to Brindisi 500 m.
Malta to Ancona 700 m.
Malta to Venice 800 m.
Malta to Trieste 900 m.
Malta to Fiume 1000 m.
Malta to Pola 1000 m.
Malta to Zara 1000 m.
Malta to Spalato 1000 m.
Malta to Ragusa 1000 m.
Malta to Cattaro 1000 m.
Malta to Durazzo 1000 m.
Malta to Valona 1000 m.
Malta to Prevesa 1000 m.
Malta to Patras 1000 m.
Malta to Corinth 1000 m.
Malta to Athens 1000 m.
Malta to Salonica 1000 m.
Malta to Volo 1000 m.
Malta to Lemnos 1000 m.
Malta to Mytilene 1000 m.
Malta to Chios 1000 m.
Malta to Smyrna 1000 m.
Malta to Rhodes 1000 m.
Malta to Cyprus 1000 m.
Malta to Alexandria 1000 m.
Malta to Port Said 1000 m.
Malta to Beirut 1000 m.
Malta to Smyrna 1000 m.
Malta to Constantinople 1000 m.
Malta to Piraeus 1000 m.
Malta to Corfu 1000 m.
Malta to Brindisi 1000 m.
Malta to Ancona 1000 m.
Malta to Venice 1000 m.
Malta to Trieste 1000

EASTERN EUROPE

POLITICAL

SCALE 1:5,000,000

EASTERN EUROPE - COMMUNICATIONS



BRITISH ISLES

BATHY-OROGRAPHICAL

SCALE, 1:2,000,000

BRITISH ISLES - BATHY-OROGRAPHICAL

EXPLANATION OF COLOURING

METRES	FEET	
1219	4000	
914	3000	
609	2000	
457	1500	
304	1000	
152	500	
76	250	
		Sea Level
18	10	Fathoms
36	20	"
54	30	"
73	40	"
91	50	"

ORKNEY & SHETLAND ISLANDS
Continued on same scale

Scale 1 : 2000000
English Miles
Kilometres

Longitude West of Greenwich

BRITISH ISLES

VEGETATION & CLIMATE

BRITISH ISLES - VEGETATION & CLIMATE

TEMPERATURE JANUARY

TEMPERATURE JULY

TEMPERATURE ACTUAL ANNUAL

RAINFALL JANUARY

RAINFALL JULY

RAINFALL MEAN ANNUAL

NOTE TO COLOURING

Grass and Cultivated Land

Woodland

Moorland, Hill Pasture, &c.

Note

The Plateau Area above 1500 ft is shown by a ruling of fine black dots thus ⁘ and above 2500 in. solid black thus ▪

Scale 1:2,000,000

English Miles

Longitude West of Greenwich

BRITISH ISLES

RAILWAYS & INDUSTRIAL

SCALE, 1:2,000,000

BRITISH ISLES - RAILWAYS & INDUSTRIAL

ORKNEY & SHETLAND ISLANDS
Continued on same scale

NOTE TO COLOURING
BELOW 5 %
5 TO 10 %
10 - 20 %
20 - 30 %
30 - 40 %
40 - 50 %
ABOVE 50 %

DISTRIBUTION OF LAND UNDER CULTIVATION

EXPLANATORY NOTE
Principal Industrial Regions
Towns over 30,000 Population

NOTE TO COLOURING
BELOW 20 %
20 TO 30 %
30 - 40 %
40 - 50 %
50 - 60 %
60 - 70 %
ABOVE 70 %

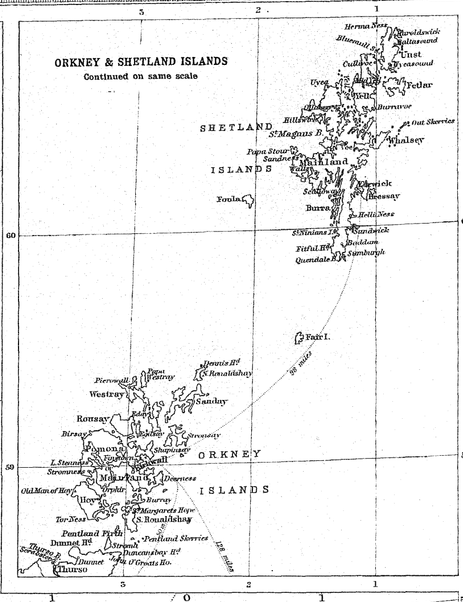
DISTRIBUTION OF LAND UNDER PASTURE

Scale 1: 2,000,000
English Miles
Kilometres

BRITISH ISLES

Political Map

THE BRITISH ISLES - POLITICAL



Scale 1: 2,000,000

English Miles 0 10 20 30 40 50 60 70

Kilometres 0 10 20 30 40 50 60 70

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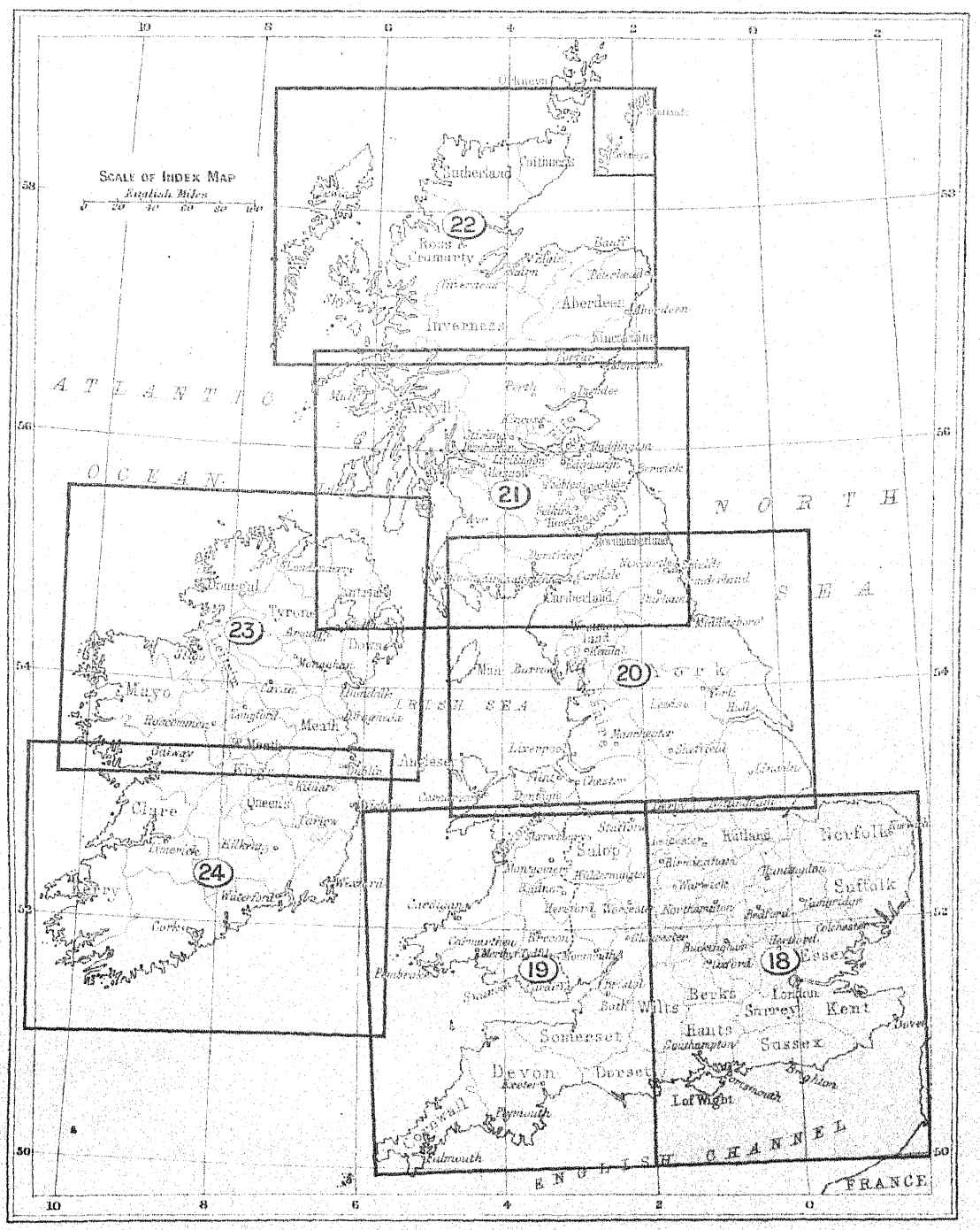
ENGLAND & WALES—SOUTH-EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

or 10 miles to an inch

ENGLAND & WALES – SOUTH-EASTERN SECTION

DERBY NOTTINGHAM Newark LINCOLN WASH THE WASH HOLLAND NORFOLK STAFFORD LEICESTER RUTLAND PETERBOROUGH ISLE OF ELY HUNTINGDON NORTHAMPTON CAMBRIDGE SUFFOLK BEDFORD BUCKINGHAM HERTFORD OXFORD GLOUCESTER BERKS MIDDLESEX SURREY HAMPSHIRE WILTS SUSSEX KENT ESSEX WORCESTER DORSET

Caister GREAT YARMOUTH Lowestoft Southwold Aldeburgh Orfordness Felixstowe Harwich The Naze Walton on the Naze COLCHESTER Clacton on Sea Margate Ramsgate Broadstairs Sandwich Goodwin Sands The Downs Deal Dover Folkestone Sandgate Hythe Romney Marsh New Romney Dungeness C. Gris Nez BOULOGNE C. d'Alprech

STRAIT OF DOVER

Selsey Bill Bognor Littlehampton Worthing Shoreham BRIGHTON Newhaven Seaford EASTBOURNE Beachy Head HASTINGS St LEONARDS Pevensey Hollesley Bay Bawdsey

Southampton to London 78 miles Portsmouth to London 73 miles

Portsmouth to Havre 97 miles Southampton to Havre 87 miles Southampton to Cherbourg 70 miles Portsmouth to Cherbourg 70 miles Portsmouth to Harfleur 105 miles Dungeness to Boulogne 22 miles

Harwich to Hook of Holland 106 m. London to Rotterdam 122 m. London to Amsterdam 207 m. to Harlingen 215 miles London to Rotterdam 183 miles Queenborough to Flushing 104 miles London to Antwerp 101 m. London to Calais 97 miles Queen's Channel London to Ostende 118 m. Ramsgate to Ostende 68 miles Dover to Calais 22 miles Dover to Ostende 72 miles

RIVER THAMES Princes Channel Tongue L.V. Nore L.V. Swin L.V. Sunk L.V. Kentish Knock L.V. Long Sand L.V. Gunfleet L.V. Barrow

Isle of Wight Hurst Point Needles Alum Bay Hengistbury Head Christchurch Bournemouth Poole Swanage St Alban's Head

Alderney Burhou Casquets Ortac Roque Harbour Jethou Herm GUERNSEY Sark Les Hanois Roustel Rock Platte Fougère Bay Vazon Bay Rocquaine Bay Grande Rocque Point Corbette Rocks Lihou Roque Giffard Roque Percée Plainmont Moulin Huet Bay Icart Point Vale Castle Pezeries Point Longue Pointe Fort Doyle Fort Hommet Fort Saumarez Fort Albert Fort Grey Fort Richmond Fort Pezeries Fort George Fort Le Marchant Fort Le Crocq Fort Clonque Fort Tourgis Fort Houmet Herbé Fort Essex Fort Hommet Fort Saumarez Fort Albert Fort Grey Fort Richmond Fort Pezeries Fort George Fort Le Marchant Fort Le Crocq Fort Clonque Fort Tourgis Fort Houmet Herbé Fort Essex

Guernsey to Alderney 8 miles Guernsey to Sark 7 miles Guernsey to Casquets 20 miles Guernsey to Start Point 45 miles Guernsey to Portland 85 miles Guernsey to Cherbourg 47 miles Alderney to Barfleur 21 miles Alderney to Casquets 8 miles Alderney to Cherbourg 23 miles Sark to Casquets 7 miles Sark to Cherbourg 30 miles Sark to Carteret 5 miles Sark to Jersey 15 miles Sark to Granville 15 miles Jersey to Granville 17 miles Jersey to Carteret 10 miles Jersey to Cherbourg 50 miles Jersey to Barfleur 40 miles Jersey to Casquets 20 miles Jersey to Start Point 70 miles Jersey to Portland 110 miles Jersey to Alderney 15 miles Jersey to Guernsey 25 miles Jersey to Sark 15 miles Jersey to Havre 70 miles Jersey to Portsmouth 120 miles Jersey to Southampton 100 miles Jersey to Weymouth 110 miles Jersey to Poole 100 miles Jersey to Swanage 100 miles Jersey to Isle of Wight 100 miles Jersey to Bournemouth 100 miles Jersey to Christchurch 100 miles Jersey to Hengistbury Head 100 miles Jersey to Needles 100 miles Jersey to Alum Bay 100 miles Jersey to Hurst Point 100 miles Jersey to Selsey Bill 100 miles Jersey to Bognor 100 miles Jersey to Littlehampton 100 miles Jersey to Worthing 100 miles Jersey to Shoreham 100 miles Jersey to Brighton 100 miles Jersey to Newhaven 100 miles Jersey to Seaford 100 miles Jersey to Eastbourne 100 miles Jersey to Beachy Head 100 miles Jersey to Hastings 100 miles Jersey to St Leonards 100 miles Jersey to Pevensey 100 miles Jersey to Hollesley Bay 100 miles Jersey to Bawdsey 100 miles Jersey to Harwich 100 miles Jersey to Felixstowe 100 miles Jersey to Aldeburgh 100 miles Jersey to Orfordness 100 miles Jersey to Southwold 100 miles Jersey to Lowestoft 100 miles Jersey to Great Yarmouth 100 miles Jersey to Caister 100 miles Jersey to Cromer 100 miles Jersey to Wells 100 miles Jersey to Hunstanton 100 miles Jersey to King's Lynn 100 miles Jersey to Wisbech 100 miles Jersey to Peterborough 100 miles Jersey to Ely 100 miles Jersey to Cambridge 100 miles Jersey to Huntingdon 100 miles Jersey to Northampton 100 miles Jersey to Bedford 100 miles Jersey to Hertford 100 miles Jersey to Buckingham 100 miles Jersey to Oxford 100 miles Jersey to Gloucester 100 miles Jersey to Berks 100 miles Jersey to Middlesex 100 miles Jersey to Surrey 100 miles Jersey to Hampshire 100 miles Jersey to Wilts 100 miles Jersey to Sussex 100 miles Jersey to Kent 100 miles Jersey to Essex 100 miles Jersey to Worcester 100 miles Jersey to Dorset 100 miles Jersey to Staffordshire 100 miles Jersey to Derbyshire 100 miles Jersey to Nottinghamshire 100 miles Jersey to Lincolnshire 100 miles Jersey to Rutland 100 miles Jersey to Leicestershire 100 miles Jersey to Norfolk 100 miles Jersey to Suffolk 100 miles Jersey to Cambridgeshire 100 miles Jersey to Huntingdonshire 100 miles Jersey to Northamptonshire 100 miles Jersey to Bedfordshire 100 miles Jersey to Hertfordshire 100 miles Jersey to Buckinghamshire 100 miles Jersey to Oxfordshire 100 miles Jersey to Gloucestershire 100 miles Jersey to Berkshire 100 miles Jersey to Middlesex 100 miles Jersey to Surrey 100 miles Jersey to Hampshire 100 miles Jersey to Wiltshire 100 miles Jersey to Sussex 100 miles Jersey to Kent 100 miles Jersey to Essex 100 miles Jersey to Worcestershire 100 miles Jersey to Dorsetshire 100 miles Jersey to Staffordshire 100 miles Jersey to Derbyshire 100 miles Jersey to Nottinghamshire 100 miles Jersey to Lincolnshire 100 miles Jersey to Rutland 100 miles Jersey to Leicestershire 100 miles Jersey to Norfolk 100 miles Jersey to Suffolk 100 miles Jersey to Cambridgeshire 100 miles Jersey to Huntingdonshire 100 miles Jersey to Northamptonshire 100 miles Jersey to Bedfordshire 100 miles Jersey to Hertfordshire 100 miles Jersey to Buckinghamshire 100 miles Jersey to Oxfordshire 100 miles Jersey to Gloucestershire 100 miles Jersey to Berkshire 100 miles Jersey to Middlesex 100 miles Jersey to Surrey 100 miles Jersey to Hampshire 100 miles Jersey to Wiltshire 100 miles Jersey to Sussex 100 miles Jersey to Kent 100 miles Jersey to Essex 100 miles

FRANCE

CHANNEL ISLANDS
On the same Scale.
English Miles 0 1 2 3 4 5 10

EXPLANATION OF OROGRAPHICAL COLOURING
METRES 304 152 76 18 — FEET 1000 500 250 Sea Level 10 Fathoms — Low Tide

ENGLISH CHANNEL

Scale 1 : 633600 or 10 Miles to an Inch
0 5 10 15 20 25 30
County Boundaries
Meridian of 0 Greenwich

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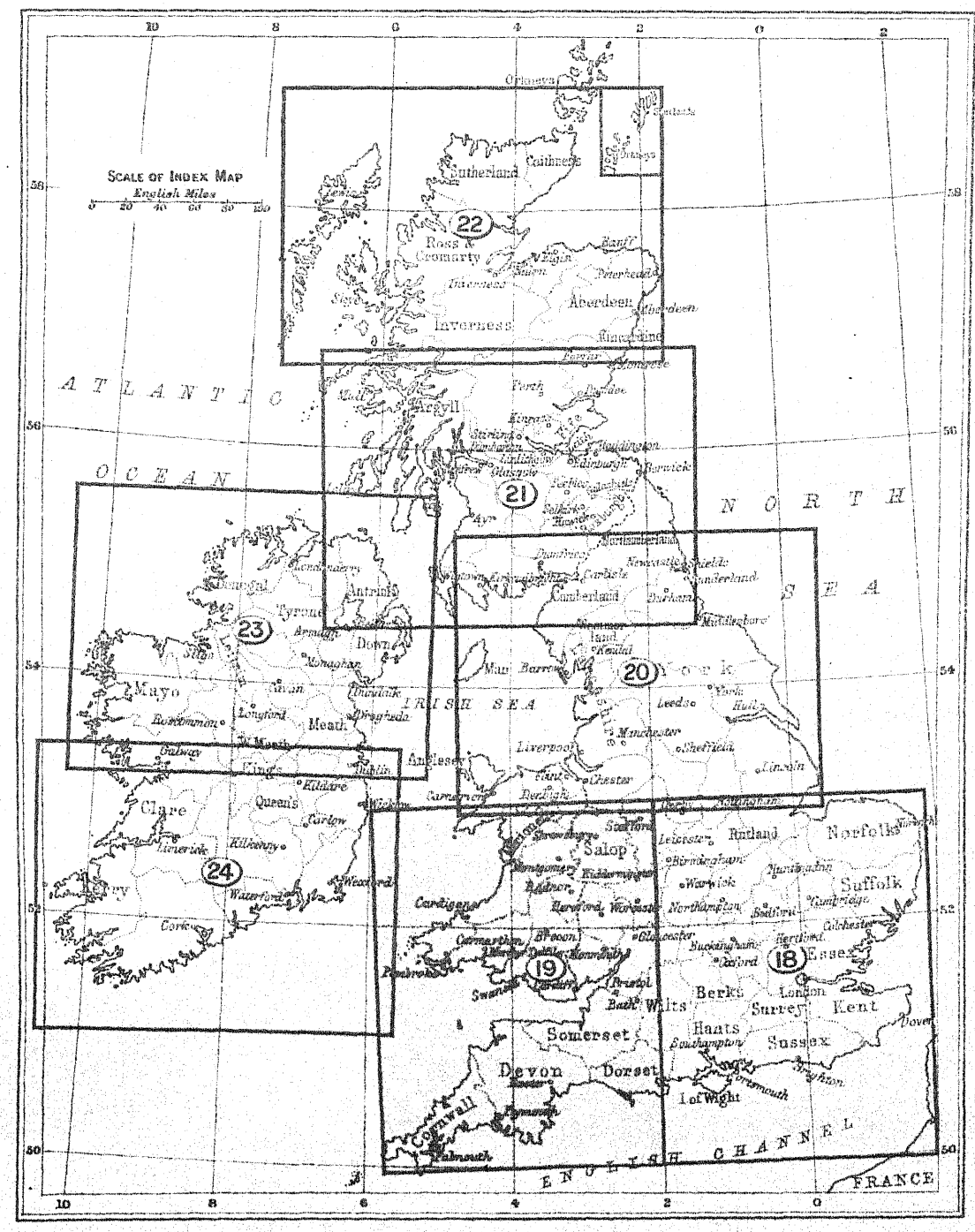
ENGLAND & WALES—SOUTH-WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate

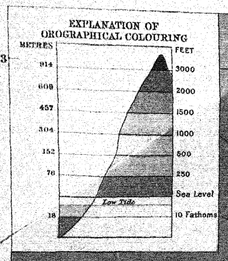


INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

or 10 miles to an inch

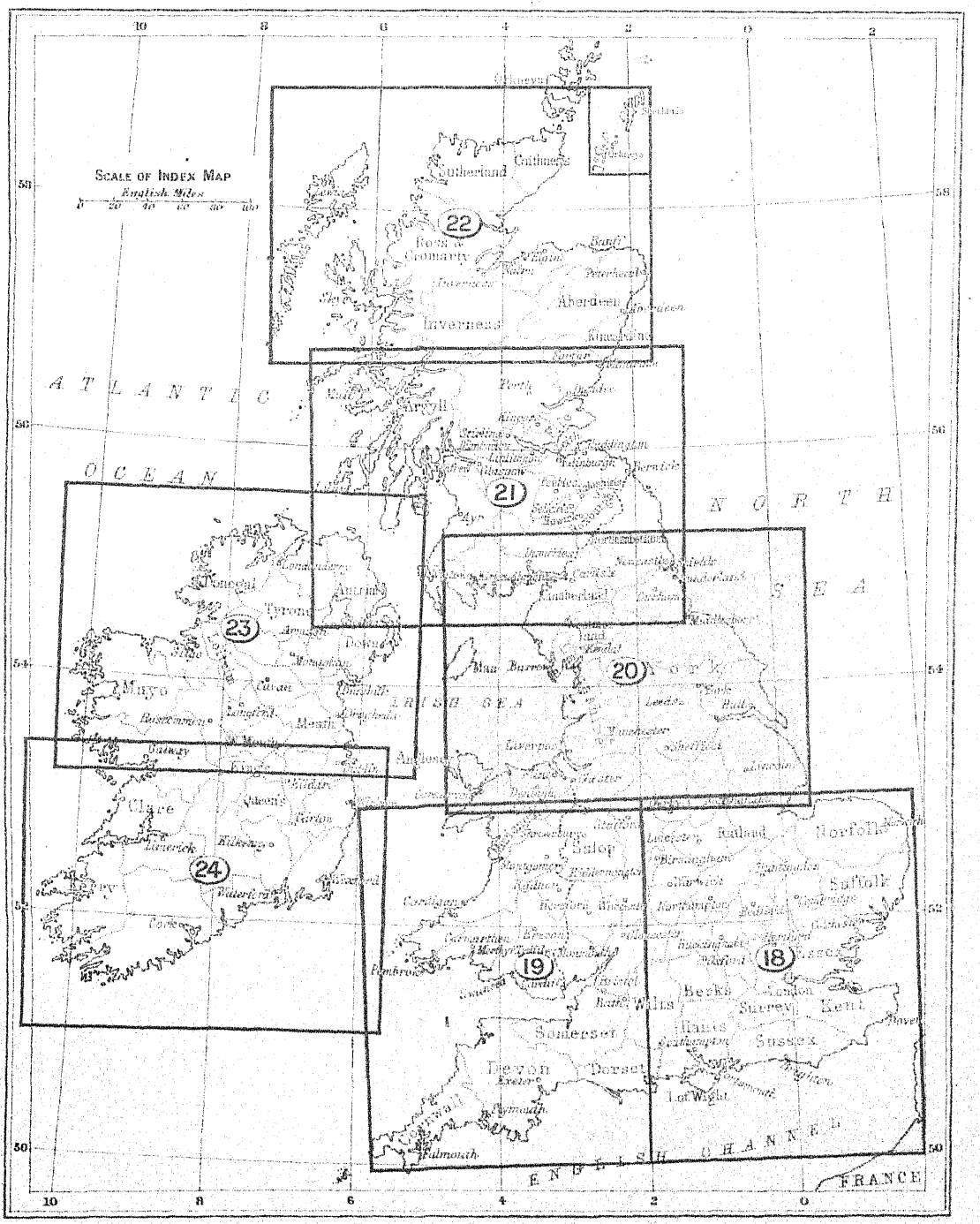
ENGLAND & WALES – SOUTH-WESTERN SECTION



CARNARVON BAY
CARDIGAN BAY
BRISTOL CHANNEL
ENGLISH CHANNEL
ST GEORGE'S CHANNEL
Carmarthen Bay
Tremadoc Bay
Barnstaple or Bideford Bay
Bridgwater Bay
Exmoor Forest
Dartmoor Forest
Start Bay
Torbay
Mounts Bay
Land's End
Lizard Head
St Bride's Bay
Milford Haven
Burry Inlet
Whitesand Bay
Bigbury Bay
Salcombe Bay
Start Point
Portland Bill
St Albans Head
Portland Isle
Portland Harbour
Weymouth Bay
Lyme Bay
Torquay
Teignmouth
Dawlish
Exmouth
Sidmouth
Budleigh Salterton
Ilfracombe
Lundy
Clovelly
Hartland Point
Bude
Padstow
Newquay
Falmouth
Penzance
Helston
Redruth
Camborne
Truro
St Ives
St Agnes Head
Trevose Head
Pendeen
Lizard Point
Tintagel
Boscastle
Wadebridge
Launceston
Okehampton
Tavistock
Plymouth
Totnes
Brixham
Dartmouth
Kingsbridge
Salcombe
Ashburton
Newton Abbot
Chudleigh
Crediton
Tiverton
Cullompton
Honiton
Axminster
Lyme Regis
Bridport
Dorchester
Weymouth
Sherborne
Yeovil
Ilminster
Chard
Crewkerne
Wincanton
Shepton Mallet
Glastonbury
Wells
Cheddar
Axbridge
Weston-super-Mare
Clevedon
Portishead
Avonmouth
Bristol
Keynsham
Bath
Radstock
Frome
Warminster
Westbury
Trowbridge
Devizes
Marlborough
Swindon
Cirencester
Tetbury
Malmesbury
Chippenham
Calne
Melksham
Corsham
Box
Bradford
Salisbury
Amesbury
Wilton
Shaftesbury
Blandford
Wimborne
Poole
Bournemouth
Christchurch
Ringwood
Fordingbridge
Romsey
Southampton
Eastleigh
Winchester
Alresford
Basingstoke
Andover
Whitchurch
Newbury
Hungerford
Marlborough
Devizes
Pewsey
Ludgershall
Tidworth
Basingstoke
Alton
Farnham
Guildford
Godalming
Haslemere
Petersfield
Midhurst
Chichester
Portsmouth
Gosport
Fareham
Havant
Hayling Island
Selsey Bill
Bognor
Littlehampton
Worthing
Shoreham
Brighton
Hove
Lewes
Newhaven
Seaford
Eastbourne
Hastings
Rye
Winchelsea
Battle
Tenterden
Ashford
Folkestone
Dover
Deal
Sandwich
Margate
Ramsgate
Canterbury
Whitstable
Faversham
Sittingbourne
Maidstone
Chatham
Rochester
Gravesend
Dartford
Erith
Woolwich
Greenwich
Deptford
Lewisham
Croydon
Kingston
Richmond
Twickenham
Hounslow
Staines
Windsor
Slough
Eton
Uxbridge
Harrow
Wembley
Hampstead
Highgate
Islington
Hackney
Stratford
Barking
Romford
Ilford
Chelmsford
Brentwood
Billericay
Tilbury
Grays
Southend
Shoeburyness
Foulness
Maldon
Burnham
Southminster
Wickford
Rayleigh
Hadleigh
Canvey Island
Leigh
Benfleet
Basildon
Harlow
Epping
Waltham Abbey
Enfield
Barnet
Edgware
Watford
St Albans
Hemel Hempstead
Berkhamsted
Tring
Aylesbury
Wendover
Amersham
Chesham
Beaconsfield
High Wycombe
Marlow
Henley-on-Thames
Reading
Wokingham
Bracknell
Ascot
Sunningdale
Egham
Chertsey
Weybridge
Esher
Kingston
Surbiton
Epsom
Leatherhead
Dorking
Reigate
Redhill
Caterham
Oxted
Godstone
Edenbridge
Westerham
Sevenoaks
Tonbridge
Tunbridge Wells
Crowborough
Uckfield
Heathfield
Hailsham
Pevensey
Bexhill
Battle
Rye
Hythe
Romney
Dungeness
Ashford
Canterbury
Whitstable
Herne Bay
Margate
Ramsgate
Sandwich
Deal
Dover
Folkestone
Hythe
Romney Marsh
Isle of Sheppey
Sheerness
Queenborough
Isle of Grain
Hoo
Rochester
Chatham
Gillingham
Strood
Maidstone
Aylesford
Tonbridge
Sevenoaks
Orpington
Bromley
Beckenham
Penge
Sydenham
Forest Hill
Peckham
Camberwell
Lambeth
Southwark
Bermondsey
Rotherhithe
Wapping
Limehouse
Poplar
Bow
Mile End
Whitechapel
Shoreditch
Finsbury
Clerkenwell
Holborn
Bloomsbury
St Pancras
Kentish Town
Camden Town
Hampstead
Highgate
Finchley
Hendon
Edgware
Harrow
Wembley
Ealing
Acton
Chiswick
Brentford
Hounslow
Feltham
Staines
Egham
Virginia Water
Windsor
Eton
Slough
Langley
Uxbridge
Rickmansworth
Watford
Bushey
Elstree
Barnet
Enfield
Edmonton
Tottenham
Walthamstow
Leyton
Wanstead
Woodford
Chingford
Epping
Waltham Abbey
Harlow
Bishop's Stortford
Hertford
Ware
Hoddesdon
Cheshunt
Waltham Cross
Broxbourne
Hatfield
Welwyn
Stevenage
Hitchin
Letchworth
Baldock
Royston
Buntingford
Ware
Hertford
Bishop's Stortford
Saffron Walden
Great Dunmow
Braintree
Bocking
Witham
Maldon
Burnham
Southminster
Wickford
Rayleigh
Hadleigh
Canvey Island
Leigh
Benfleet
Basildon
Brentwood
Billericay
Tilbury
Grays
Southend
Shoeburyness
Foulness

ENGLAND & WALES—NORTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

or 10 miles to an inch

ENGLAND & WALES – NORTHERN SECTION

Scale 1:633,600 or 10 Miles to an Inch

0 5 10 15 20 25 30

County Boundaries

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
914	3000
609	2000
457	1500
304	1000
152	500
76	250
	Sea Level
Low Tide	
18	10 Fathoms

IRISH SEA

NORTH SEA

Scotland

Ireland

AYR

DUMFRIES

ROXBURGH

NORTHUMBERLAND

WIGTOWN

KIRKCUDBRIGHT

CUMBERLAND

CARLISLE

DURHAM

NEWCASTLE

SUNDERLAND

WESTMORLAND

NORTH RIDING

EAST RIDING

YORK

LANCASTER

LIVERPOOL

MANCHESTER

CHESTER

FLINT

DENBIGH

ANGLESEY

CARNARVON

MERION

SHROPSHIRE

STAFFORD

DERBY

NOTTINGHAM

LINCOLN

ISLE OF MAN

Douglas

Ramsay

Peel

Castletown

Port St Mary

Calf of Man

Luce Bay

Wigtown Bay

Solway Firth

Whitehaven

Workington

Maryport

Cockermouth

Silloth

Carlisle

Penrith

Appleby

Kirkby Stephen

Brough

Barnard Castle

Richmond

Darlington

Stockton

Middlesbrough

Redcar

Whitby

Scarborough

Filey

Bridlington

Flamborough Head

Bridlington Bay

Hornsea

Withernsea

Spurn Head

Great Grimsby

Cleethorpes

Saltfleet

Mablethorpe

Sutton on Sea

Skegness

The Wash

Boston Deeps

Fleetwood

Blackpool

Lytham

St Annes on the Sea

Southport

Formby Pt

Preston

Blackburn

Burnley

Clitheroe

Skipton

Ilkley

Otley

Harrogate

Ripon

Leeds

Bradford

Halifax

Huddersfield

Wakefield

Doncaster

Selby

Goole

Hull

Beverley

Driffield

Malton

Pickering

Whitby

Robin Hood's Bay

Scalby

Filey Bay

Bridlington Quay

Withernsea

Hornsea

Beverley

Hull

Goole

Doncaster

Wakefield

Huddersfield

Halifax

Bradford

Leeds

Ripon

Harrogate

Otley

Ilkley

Skipton

Clitheroe

Burnley

Blackburn

Preston

Formby Pt

Southport

St Annes on the Sea

Lytham

Blackpool

Fleetwood

Barrow

Ulverston

Dalton

Walney

Morecambe Bay

Heysham

Lancaster

Morecambe

Kendal

Windermere

Ambleside

Keswick

Cockermouth

Workington

Whitehaven

St Bees Head

Ravenglass

Millom

Broughton

Coniston

Hawkshead

Grasmere

Ambleside

Penrith

Alston

Haltwhistle

Hexham

Corbridge

Newcastle

Gateshead

Durham

Darlington

Richmond

Reeth

Leyburn

Hawes

Ingleton

Settle

Giggleswick

Clapham

Ingleton

Chapel le Dale

Whernside

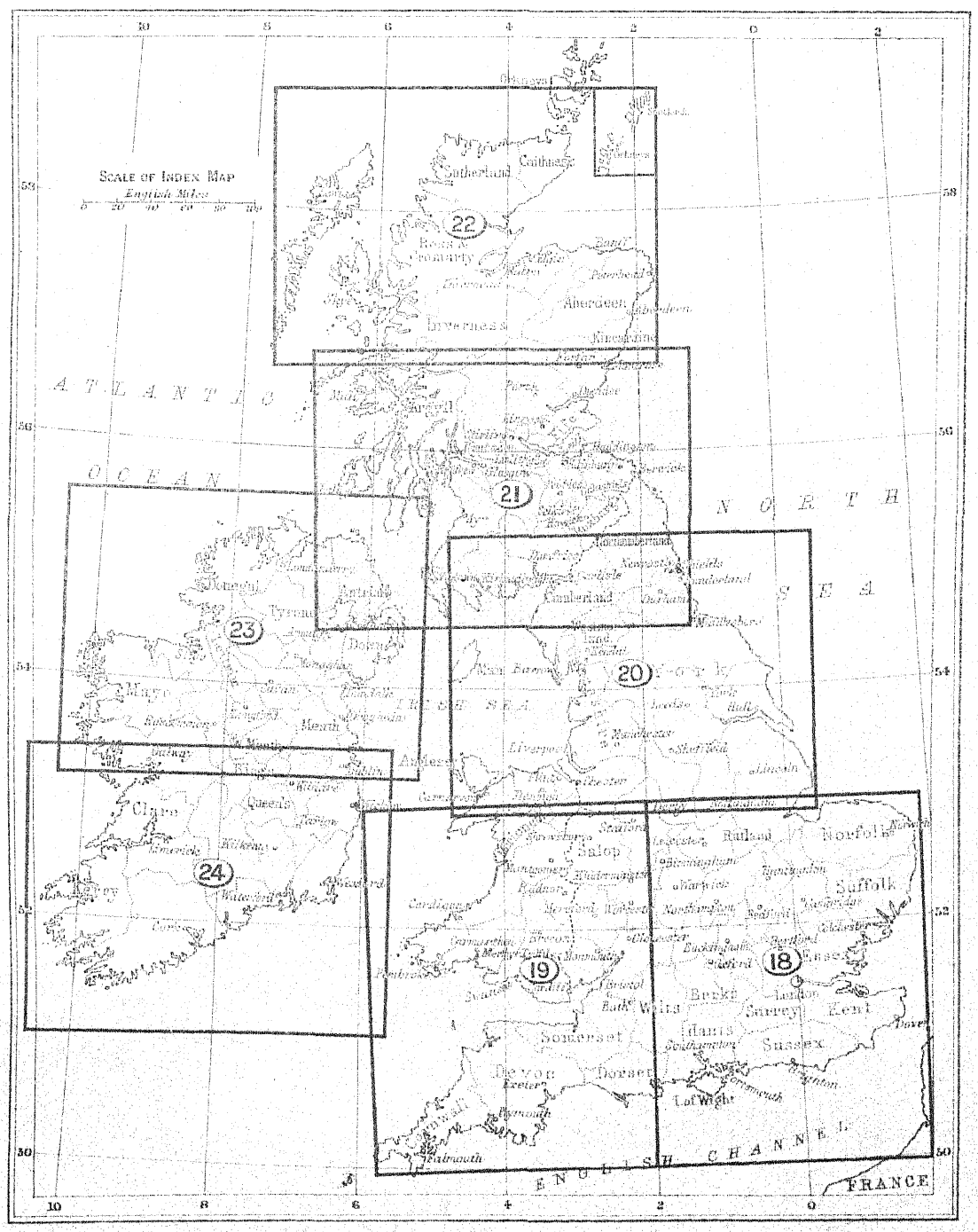
Ribblehead

Horton in Ribblesdale

Pen-y-ghent

SCOTLAND—SOUTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

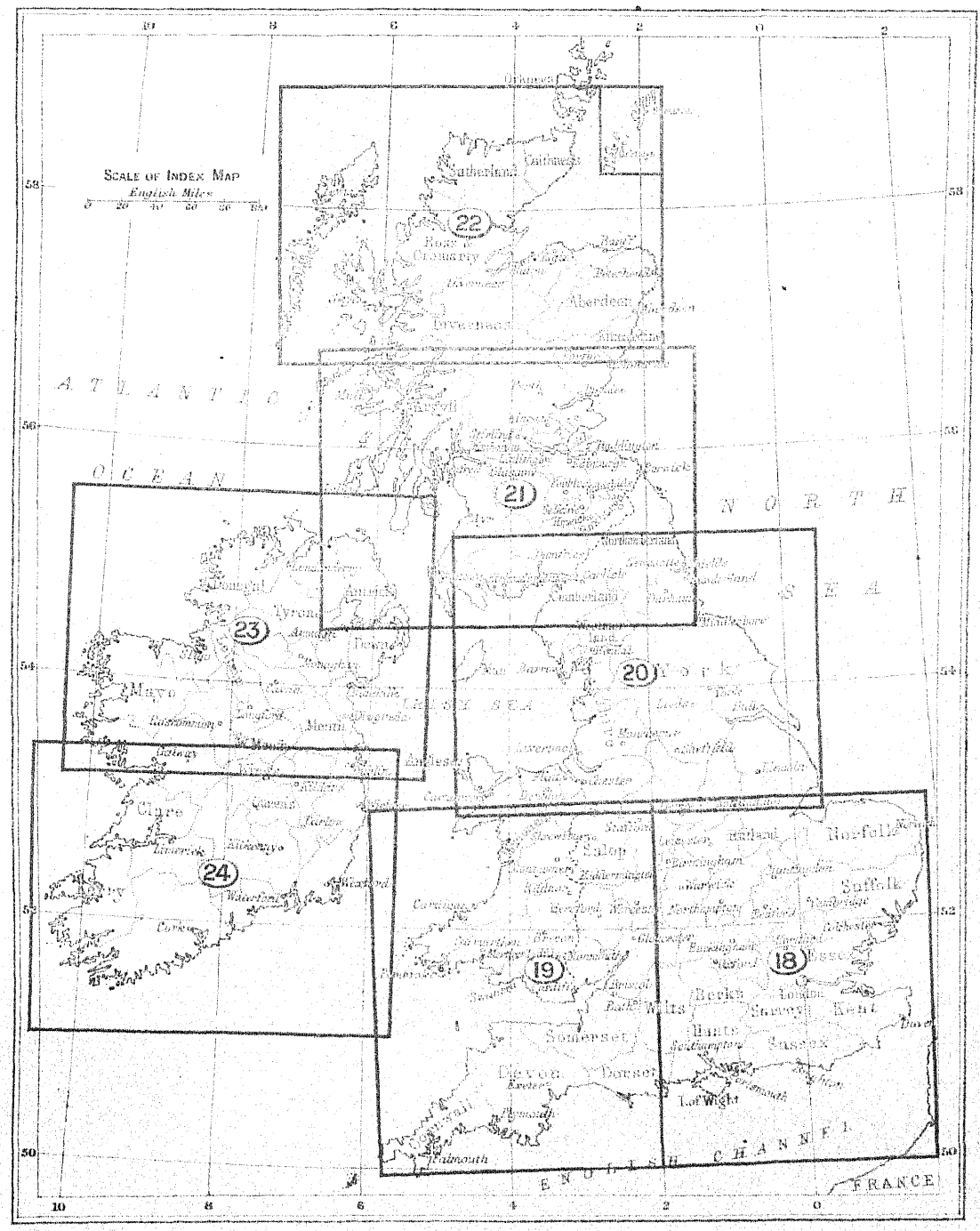
or 10 miles to an inch

SCOTLAND - SOUTHERN SECTION

INVERNESS
INVERNESS
KINCARDINE
EXPLANATION OF OROGRAPHICAL COLOURING
METRES
FEET
1219
4000
914
3000
609
2000
457
1500
304
1000
152
500
76
250
Sea Level
Low Tide.
18
10 Fathoms
NORTH SEA
FIRTH OF FORTH
FIRTH OF CLYDE
NORTH CHANNEL
IRISH SEA
Leith to Christiansand 404 m. to Gothenburg 505 m. to Christiania 547 miles
Leith to Copenhagen 600 m. to Stettin 772 m. to Danzig 849 m. to Pillau 882 m. to Petrograd 1224 miles
Leith to Hamburg 486 miles
Aberdeen to Hull 315 m. to London 477 miles
Dundee to Newcastle 136 m.
Leith to Newcastle 124 miles
Leith to London 334 miles
Aberdeen to Newcastle 197 miles
Leith to Hull 208 m. to London 402 miles
Slyne to Glasgow 230 miles
Rathlin Island
Colonsay
Iona
Tiree I.
Gometra
Staffa
Gigha I.
Cara I.
Sanda I.
Ailsa Craig
Arran
Bute
Isle of May
Bass Rock 350 ft
Inchcape Rock Light Vessel
Skerryvore Light House
Dhu Heartach L. Ho.
Mull of Kintyre
Mull of Galloway
Scale 1 : 633,600 or 10 Miles to an Inch
Longitude West of Greenwich
ARGYLL
PERTH
FIFE
STIRLING
KINROSS
CLACKMANNAN
HADDINGTON
BERWICK
ROXBURGH
DUMFRIES
KIRKCUDBRIGHT
WIGTOWN
AYR
LANARK
PEEBLES
SELKIRK
NORTHUMBERLAND
DURHAM
CUMBERLAND
WESTMORLAND
YORK
ANTRIM
DOWN
LONDONDERRY
TYRONE
Edinburgh
Glasgow
Leith
Dundee
Aberdeen
Perth
Greenock
Paisley
Ayr
Dumfries
Kirkcaldy
Dunfermline
Montrose
Arbroath
Carnoustie
Forfar
Brechin
Stonehaven
Peterhead
Fraserburgh
Banff
Elgin
Inverness
Oban
Campbeltown
Girvan
Stranraer
Portpatrick
Wigtown
Whithorn
Newton Stewart
Kirkcudbright
Castle Douglas
Annan
Lockerbie
Moffat
Hawick
Jedburgh
Kelso
Coldstream
Berwick
Eyemouth
Dunbar
North Berwick
Haddington
Musselburgh
Penicuik
Peebles
Galashiels
Selkirk
Melrose
Newtown St. Boswells
Duns
Alnwick
Morpeth
Blyth
Tynemouth
North Shields
South Shields
Sunderland
Durham
Darlington
Stockton
Hartlepool
Whitby
Scarborough
Carlisle
Penrith
Appleby
Kendal
Workington
Whitehaven
Cockermouth
Keswick
Ambleside
Windermere
Ulverston
Barrow
Grange
Lancaster
Morecambe
Skipton
Settle
Ingleton
Richmond
Northallerton
Thirsk
Malton
Pickering
Whitby
Scarborough
Bridlington
Driffield
Beverley
Hull
Goole
Selby
Tadcaster
Wetherby
Harrogate
Knaresborough
Ripon
Boroughbridge
Easingwold
York
Leeds
Bradford
Halifax
Huddersfield
Wakefield
Pontefract
Doncaster
Rotherham
Sheffield
Barnsley
Chesterfield
Mansfield
Worksop
Retford
Gainsborough
Lincoln
Grantham
Newark
Nottingham
Derby
Ashbourne
Matlock
Buxton
Leek
Stoke-on-Trent
Newcastle-under-Lyme
Crewe
Nantwich
Middlewich
Northwich
Knutsford
Macclesfield
Stockport
Manchester
Salford
Bolton
Wigan
Warrington
Widnes
Runcorn
Chester
Wrexham
Ellesmere
Oswestry
Shrewsbury
Bridgnorth
Wellington
Newport
Stafford
Uttoxeter
Burton-on-Trent
Tamworth
Lichfield
Walsall
Wolverhampton
Dudley
Kidderminster
Worcester
Malvern
Tewkesbury
Cheltenham
Gloucester
Stroud
Cirencester
Swindon
Malmesbury
Chippenham
Bath
Frome
Wells
Glastonbury
Taunton
Bridgwater
Weston-super-Mare
Clevedon
Bristol
Keynsham
Radstock
Shepton Mallet
Yeovil
Sherborne
Dorchester
Weymouth
Bridport
Lyme Regis
Axminster
Honiton
Exeter
Tiverton
Barnstaple
Ilfracombe
Bideford
Torrington
Okehampton
Launceston
Bodmin
Wadebridge
Padstow
Newquay
St. Ives
Penzance
Helston
Falmouth
Truro
Redruth
Camborne
St. Austell
Fowey
Looe
Liskeard
Plymouth
Tavistock
Totnes
Dartmouth
Kingsbridge
Salcombe
Torquay
Paignton
Teignmouth
Newton Abbot
Exmouth
Sidmouth
Seaton
Lyme Regis
Bridport
Dorchester
Weymouth
Portland
Swanage
Wareham
Poole
Bournemouth
Christchurch
Lymington
Ringwood
Fordingbridge
Salisbury
Amesbury
Devizes
Marlborough
Hungerford
Newbury
Reading
Henley-on-Thames
Wallingford
Abingdon
Oxford
Witney
Chipping Norton
Banbury
Brackley
Towcester
Daventry
Rugby
Coventry
Nuneaton
Atherstone
Tamworth
Lichfield
Cannock
Rugeley
Uttoxeter
Ashbourne
Matlock
Bakewell
Buxton
Leek
Congleton
Sandbach
Middlewich
Northwich
Knutsford
Macclesfield
Stockport
Manchester
Salford
Bolton
Wigan
Warrington
Widnes
Runcorn
Chester
Wrexham
Ellesmere
Oswestry
Shrewsbury
Bridgnorth
Wellington
Newport
Market Drayton
Whitchurch
Nantwich
Crewe
Stoke-on-Trent
Newcastle-under-Lyme
Stafford
Penkridge
Wolverhampton
Dudley
Kidderminster
Bewdley

SCOTLAND—NORTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

or 10 miles to an inch

SCOTLAND - NORTHERN SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

METRES / FEET

1219 4000
914 3000
609 2000
457 1500
304 1000
152 500
76 250
Low Tide — Sea Level
18 10 Fathoms

Scale 1: 633,600 or 10 Miles to an Inch

0 5 10 15 20 25 30

County Boundaries

ATLANTIC OCEAN

NORTH MINCH

LITTLE MINCH

Pentland Firth

MORAY FIRTH

NORTH SEA

ORKNEY ISLANDS

Kirkwall

Scapa Flow

South Ronaldshay

Stroma

Dunnet Hd

Duncansby Hd

Cape Wrath

Butt of Lewis

Flannan Is or Seven Hunters

Eye Peninsula

Stornoway

Sound of Harris

North Uist

Benbecula

South Uist

Barra

Sound of Barra

Sound of Scalpa

Scalpa I.

Shiant East Bank

Shiant Is

Skye

Isle of Skye

Loch Snizort

Loch Portree

Loch Broom

Ullapool

Gairloch

Loch Torridon

Enard Bay

Rhu Coigach

Stoer Head

Summer Is

Handa

Eddrachillis Bay

Tongue

Loch Eriboll

Durness

Kyle of Tongue

Strathy Pt

Melvich Bay

Thurso

Scrabster

Holborn Hd

Dunnet Hd

Duncansby Hd

Stroma

Pentland Skerries

Swona

Hoy

Rackwick

Burray

Longitude West of Greenwich

SUTHERLAND

CAITHNESS

ROSS AND CROMARTY

INVERNESS

NAIRN

MORAY

ELGIN

BANFF

ABERDEEN

KINCARDINE

FORFAR

PERTH

ARGYLL

Tarbert Loch Fyne

Oban

Mull

Tobermory

Ardnamurchan Pt

Sanda I.

Mull of Kintyre

Islay

Jura

Colonsay

Oronsay

Gigha I.

Arran

Ailsa Craig

Firth of Clyde

Kintyre

Rhinns of Islay

Mull of Oa

Loch Indaal

Bowmore

Port Ellen

Port Askaig

Corryvreckan Whirlpool

Gulf of Corryvreckan

Sound of Islay

Sound of Jura

Loch Gilp

Loch Fyne

Inveraray

Loch Awe

Loch Etive

Loch Leven

Loch Linnhe

Fort William

Ben Nevis

Glencoe

Rannoch Moor

Loch Rannoch

Loch Tay

Aberfeldy

Crieff

Comrie

Callander

Loch Lomond

Balloch

Dumbarton

Helensburgh

Rothesay

Campbeltown

Machrihanish

Port Ellen

Bowmore

Port Askaig

Jura

Colonsay

Oronsay

Gigha I.

Arran

Ailsa Craig

Firth of Clyde

Kintyre

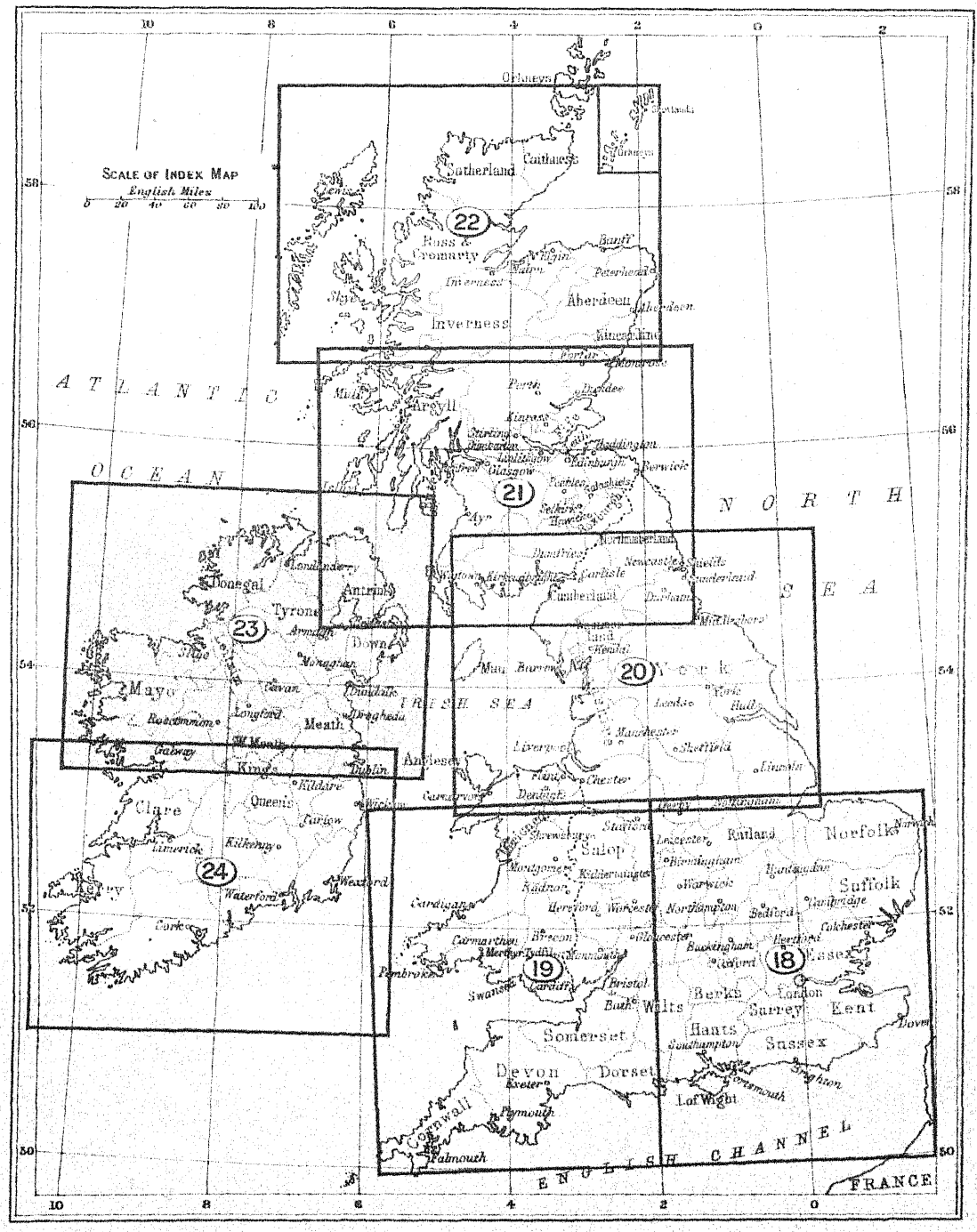
Rhinns of Islay

Mull of Oa

Loch Indaal

IRELAND—NORTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate

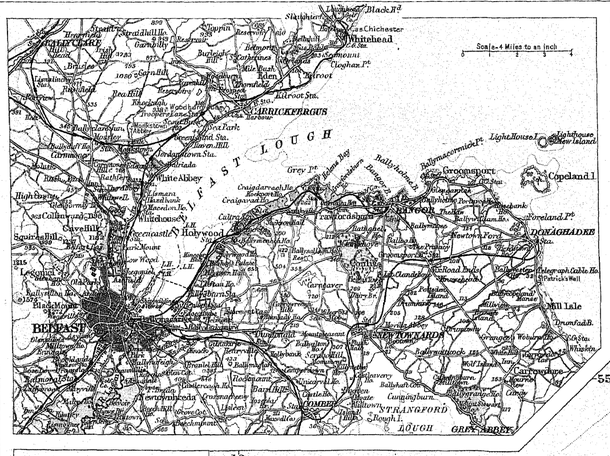


INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

or 10 miles to an inch

IRELAND - NORTHERN SECTION



EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
914	3000
609	2000
457	1500
304	1000
152	500
76	250
Low Tide	Sea Level
18	10 Fathoms

Scale 1:633,600 or 10 Miles to an Inch

0 5 10 15 20 25 30

County Boundaries

A T L A N T I C O C E A N

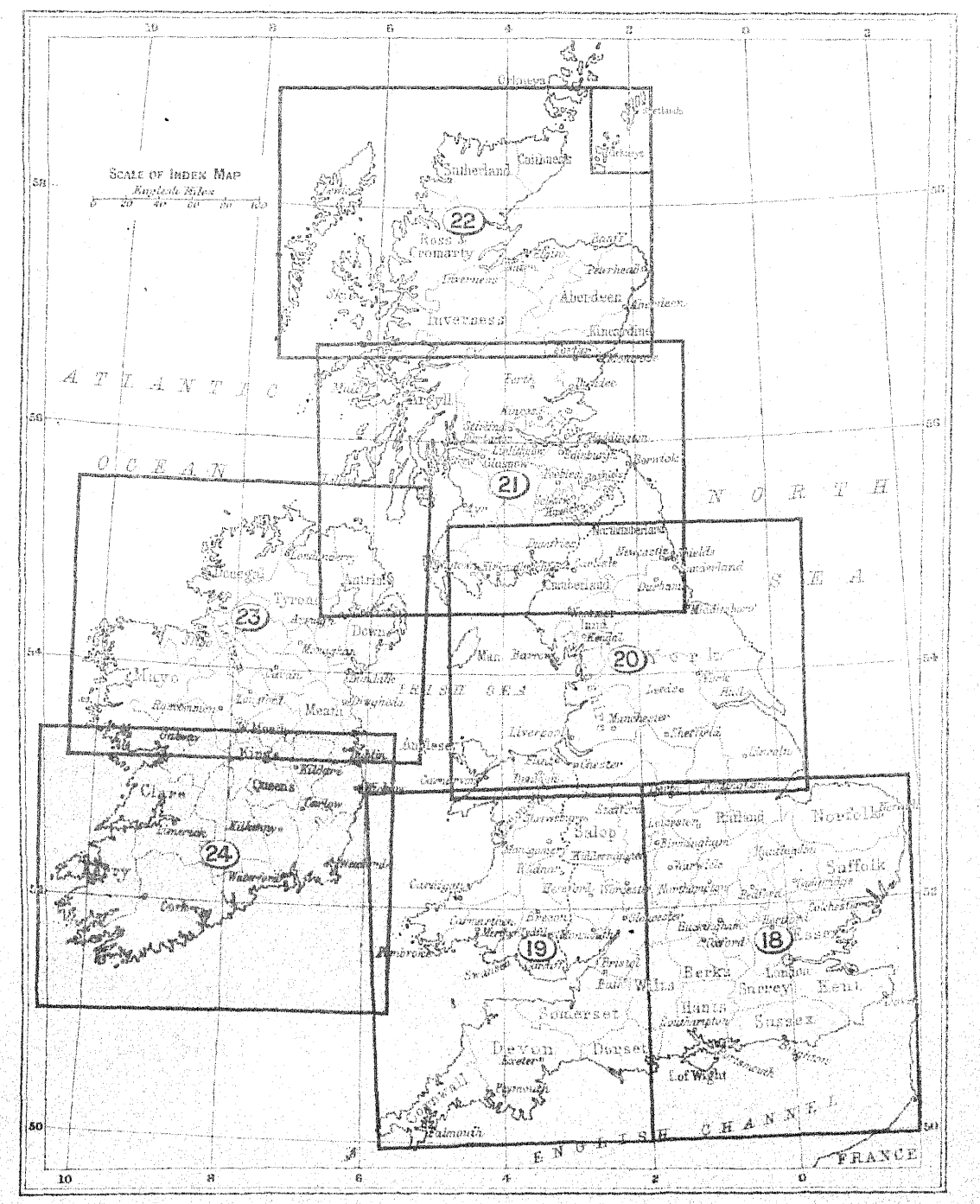
N O R T H C H A N N E L

I R I S H S E A

Quebec to Glasgow 2800 miles
Montreal to Glasgow 2750 miles
New York to Glasgow 2925 miles
to Londonderry 2865 miles
Sligo to Glasgow 250 miles
Londonderry to Glasgow 159 miles
Londonderry to Liverpool 210 to Glasgow 196 m.
Greenock to Portrush, Londonderry, Sligo etc.
Mull of Kintyre
Lame to Stranraer 25 miles
Larne to Ayr
Larne to Liverpool 134 miles
Dublin to Liverpool 121 miles
Dublin to Holyhead 64 miles
Dublin to Fleetwood 172 miles
Dublin to Barrow 82 miles
Dublin to Waterford 96 miles
Dublin to Rosslare 79 miles
Dublin to Wexford 77 miles
Dublin to Arklow 51 miles
Dublin to Greenore 72 miles
Dublin to Drogheda 27 miles
Drogheda to Liverpool 134 miles
Dundalk to Liverpool 131 miles
Sligo to Liverpool 134 miles
Sligo to Glasgow 196 miles
Sligo to Ardrossan 214 miles
Sligo to Fleetwood 214 miles
Sligo to Barrow 214 miles
Sligo to Dublin 134 miles
Sligo to Belfast 95 miles
Sligo to Londonderry 95 miles
Sligo to Greenore 95 miles
Sligo to Dundalk 95 miles
Sligo to Drogheda 95 miles
Sligo to Arklow 95 miles
Sligo to Rosslare 95 miles
Sligo to Wexford 95 miles
Sligo to Waterford 95 miles
Sligo to Barrow 95 miles
Sligo to Fleetwood 95 miles
Sligo to Liverpool 95 miles
Sligo to Glasgow 95 miles
Sligo to Ardrossan

IRELAND—SOUTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE BRITISH ISLES

ON SCALE OF 1 : 633,600

or 10 miles to an inch

IRELAND - SOUTHERN SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET	
914	3000	
609	2000	
457	1500	
304	1000	
152	500	
76	250	
		Sea Level
Low Tide.		
18		10 Fathoms

Scale 1:633,600 or 10 Miles to an Inch.

0 5 10 15 20 25 30

County Boundaries

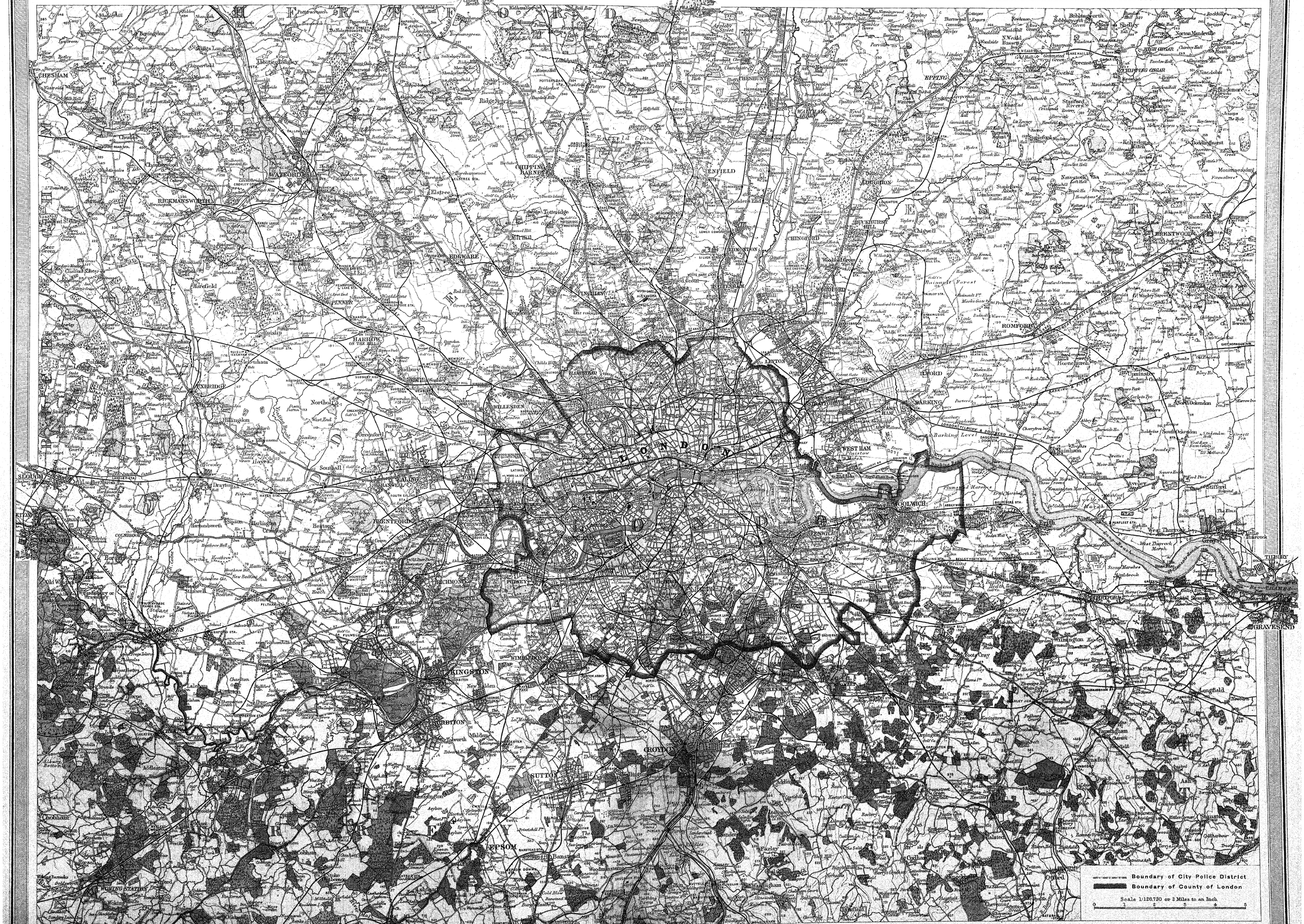
Longitude West of Greenwich.

LONDON

SCALE 1 : 126,720

or 2 miles to an inch

LONDON


HERTFORDSHIRE
MIDDLESEX
ESSEX
SURREY
KENT
LONDON
CHESHAM
AMERSHAM
RICKMANSWORTH
WATFORD
CHIPPING BARNET
ENFIELD
EDGWARE
HARROW ON THE HILL
HARLESDEN
WILLESDEN
HAMPSTEAD
HIGHGATE
FINCHLEY
HENDON
HARINGEY
TOTTENHAM
EDMONTON
CHINGFORD
WOODFORD
WALTHAM ABBEY
EPPING
ROMFORD
ILFORD
BARKING
WEST HAM
EAST HAM
WOOLWICH
GREENWICH
BRENTFORD
ISLEWORTH
RICHMOND
PUTNEY
WIMBLEDON
KINGSTON
SURBITON
CROYDON
SUTTON
EPSOM
LEATHERHEAD
WOKING STATION
STAINES
UXBRIDGE
HILLINGDON
SOUTHALL
EALING
GREENFORD
NORTHOLT
WEMBLEY
HAYES
BEXLEY
DARTFORD
GRAVESEND
TILBURY
Boundary of City Police District
Boundary of County of London
Scale 1:126,720 or 2 Miles to an Inch
0 1 2 3 4 5

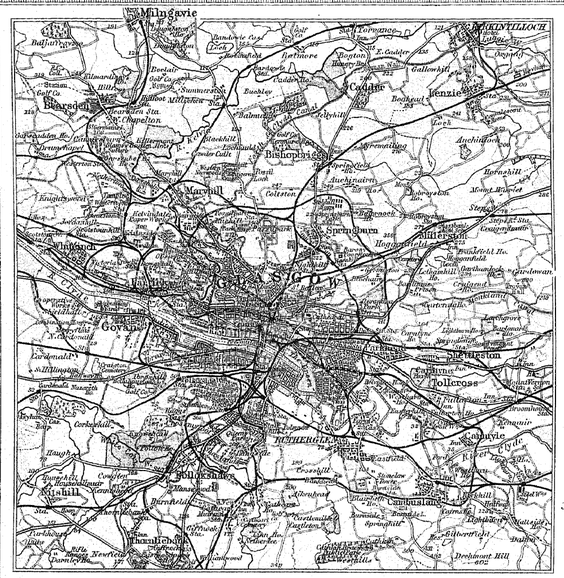
TOWNS OF ENGLAND & SCOTLAND

ON SCALE OF 1 : 126,720

or 2 miles to an inch

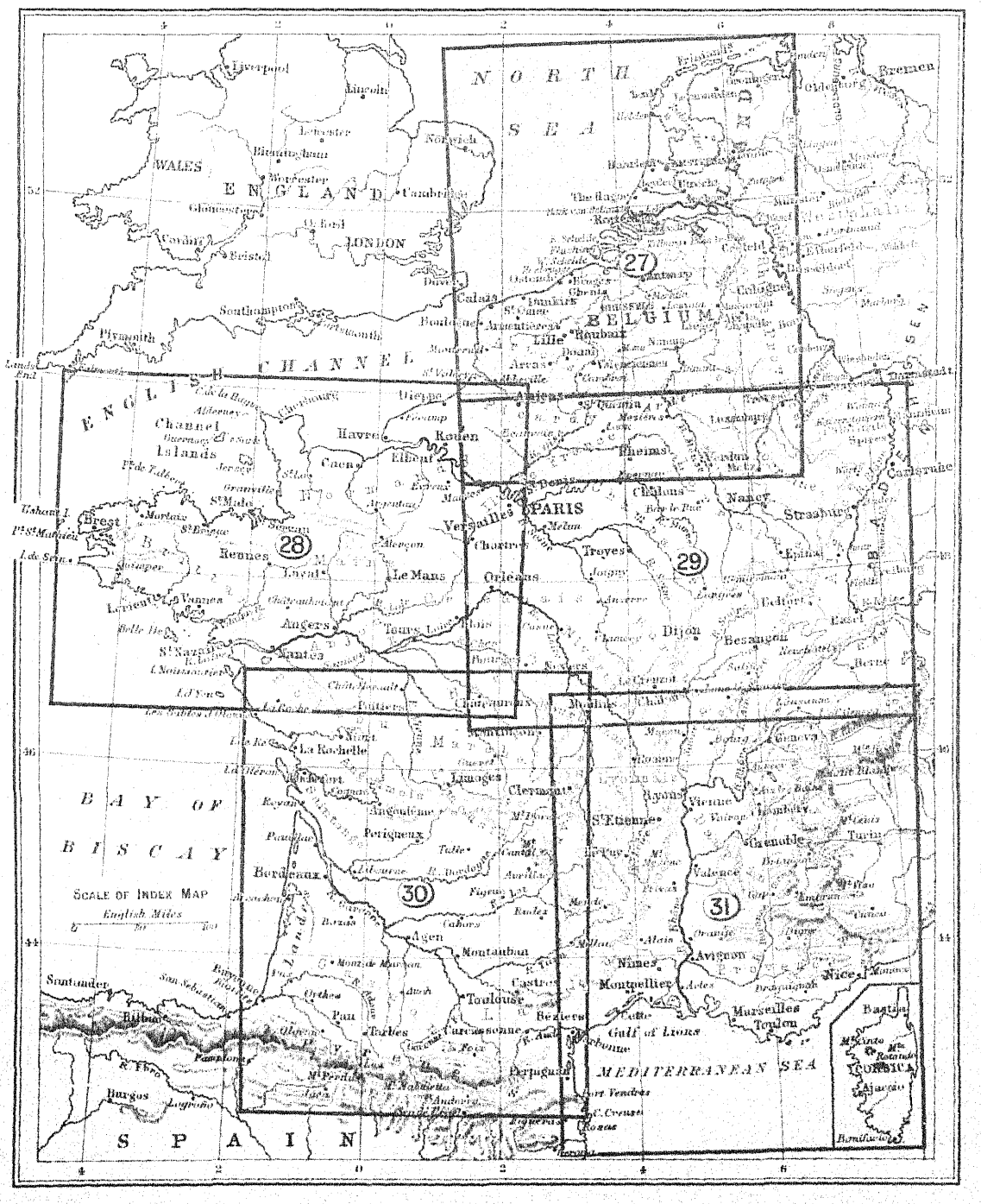
TOWNS OF ENGLAND & SCOTLAND

ON UNIFORM SCALE


Milngavie
Bearsden
Maryhill
Cadder
Kirkintilloch
Lenzie
Bishopbriggs
Springburn
Hillhead
Whiteinch
Partick
Govan
Glasgow
Pollokshaws
Pollokshields
Hutchesontown
Gorbals
Cathcart
Govanhill
Crosshill
Queen's Park
Battlefield
Strathbungo
Langside
Shawlands
Pollokshaws
Kinning Park
Cessnock
Ibrox
Kingston
Tradeston
Hillington
Renfrew
Paisley
Johnstone
Elderslie
Kilbarchan
Houston
Crosslee
Bridge of Weir
Linwood
Erskine
Inchinnan
Renfrew
Yoker
Clydebank
Dalmuir
Old Kilpatrick
Bowling
Dumbarton
Cardross
Helensburgh
Rhu
Garelochhead
Arrochar
Tarbet
Luss
Balloch
Alexandria
Jamestown
Renton
Cardross
Dumbarton
Bonhill
Old Kilpatrick
Duntocher
Clydebank
Milton
Kilbowie
Dalmuir
Yoker
Scotstoun
Partick
Govan
Ibrox
Kingston
Tradeston
Hillington
Renfrew
Inchinnan

BELGIUM & HOLLAND

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF FRANCE, BELGIUM & HOLLAND

ON SCALE OF 1 : 1,000,000

or 15·7 miles to an inch

BELGIUM & HOLLAND

BRUSSELS
Scale 1:150,000

AMSTERDAM
Scale 1:130,000

ANTWERP
Scale 1:150,000

ROTTERDAM
Scale 1:75,000

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
600	1968
400	1312
300	984
200	656
100	328
Sea Level	Land Depression
6	3 Fathoms

Scale 1 : 1,000,000
English Miles
Kilometres
Through Railways
Other Railways
Roads

NORTH SEA

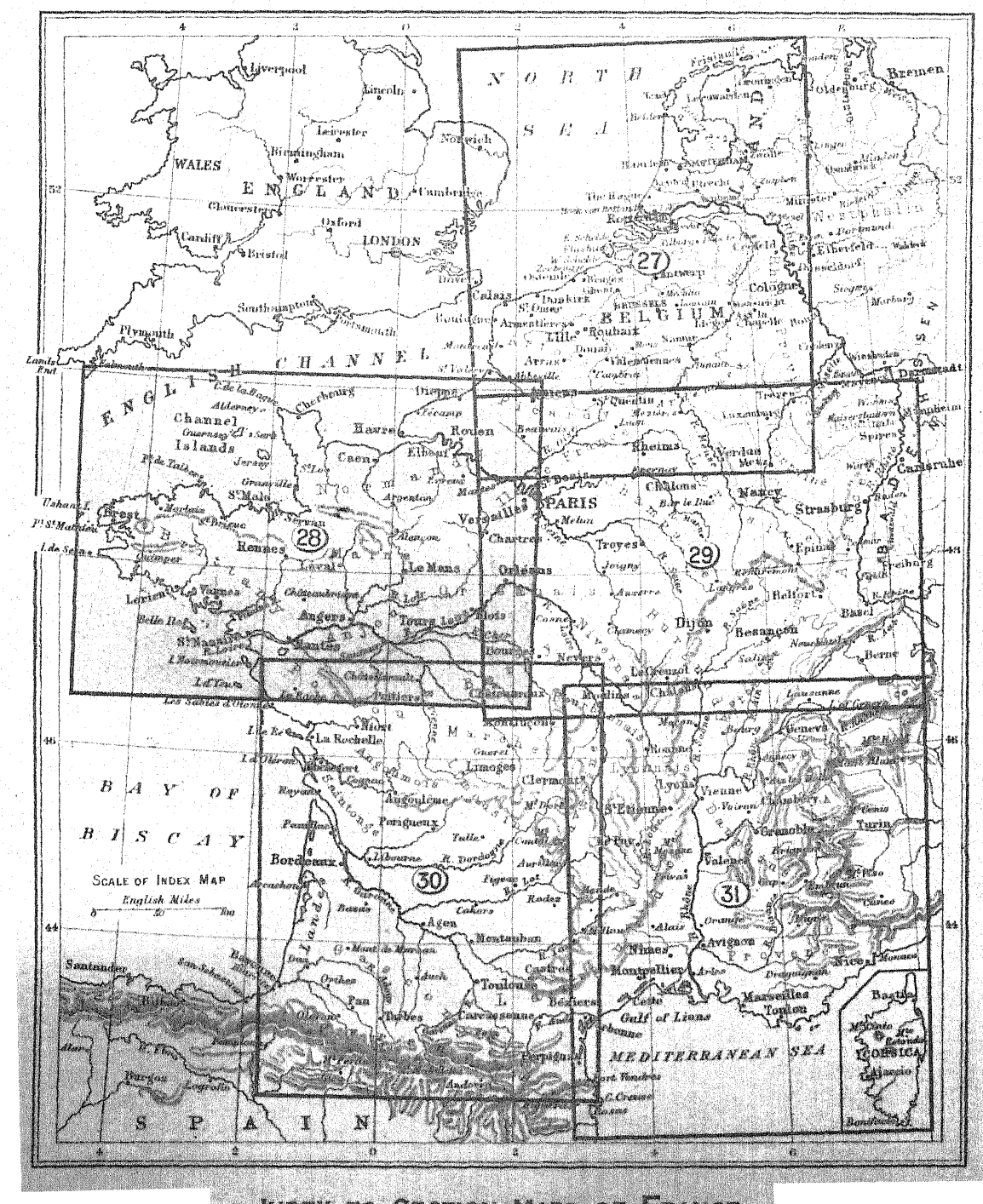
STRAIT OF DOVER

Longitude East of Greenwich

Continued on Map 28

FRANCE—NORTH-WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate


NORTH SEA
ENGLISH CHANNEL
BAY OF BISCAY
MEDITERRANEAN SEA
SPAIN
BELGIUM
ENGLAND
WALES
Channel Islands
Liverpool
Lincoln
Leicester
Birmingham
Norwich
Worcester
Cambridge
Gloucester
Oxford
Cardiff
Bristol
LONDON
Southampton
Plymouth
Dover
Calais
Dunkirk
Brussels
Lille
Roubaix
Arras
Cherbourg
Dieppe
Caen
Rouen
Havre
Elbeuf
Alderney
Guernsey
Jersey
Granville
St Malo
Brest
Pt St Matthieu
I. de Sein
Ushant I.
Quimper
Lorient
Belle Isle
Vannes
Rennes
Le Mans
Laval
Angers
Tours
St Nazaire
Nantes
Les Sables d'Olonne
La Rochelle
Ile de Re
I. d'Oleron
Rochefort
Pertuis Antioche
Pertuis Breton
Niort
Poitiers
Limoges
Angoulême
Perigueux
Bordeaux
Arcachon
Agen
Montauban
Toulouse
Carcassonne
Castres
Beziers
Auch
Pau
Tarbes
Orthez
Bayonne
Biarritz
Santander
San Sebastian
Bilbao
Pamplona
Jaca
Perpignan
Andorra
Gulf of Lions
Nimes
Montpellier
Arles
Avignon
Aix
Marseilles
Toulon
Nice
Monaco
Corsica
Bastia
Ajaccio
Bonifacio
Strait of Bonifacio
Valence
Grenoble
Turin
Lyons
St Etienne
Vienne
Clermont
Vichy
Moulins
Nevers
Bourges
Chateauroux
Le Creusot
Dijon
Besançon
Belfort
Epinal
Troyes
Chalons
Reims
Verdun
Metz
Nancy
Strasbourg
Paris
Versailles
Melun
Chartres
Orleans
Tours
Amiens
Arras
Douai
Valenciennes
Cambrai
Maubeuge
Charleroi
Namur
Liege
Aachen
Cologne
Bonn
Coblenz
Wiesbaden
Mainz
Darmstadt
Karlsruhe
Freiburg
Basel
Berne
Geneva
Lausanne
Zurich
Constance
Bregenz
Innsbruck
Munich
Augsburg
Ulm
Stuttgart
Heidelberg
Mannheim
Frankfort
Kassel
Hanover
Bremen
Oldenburg
Leeuwarden
Groningen
Emden
Wilhelmshaven
Cuxhaven
Eindhoven
Arnhem
Utrecht
Amsterdam
Rotterdam
The Hague
Ostend
Bruges
Ghent
Antwerp
Brussels
Dunkirk
Calais
Boulogne
Le Havre
Caen
Cherbourg
Dieppe
Rouen
Elbeuf
Evreux
Beauvais
Compiègne
Soissons
Laon
Rheims
Verdun
Metz
Nancy
Luxembourg
Thionville
Sedan
Mezieres
Charleville
Hirson
Maubeuge
Valenciennes
Douai
Arras
Lille
Roubaix
Armentieres
Ypres
Dunkirk
Calais
Boulogne
Abbeville
St Quentin
Chalons
Bar le Duc
Commercy
Toul
Epinal
Belfort
Besançon
Dijon
Troyes
Melun
Fontainebleau
Versailles
Paris
Chartres
Dreux
Evreux
Le Mans
Alençon
Argentan
Falaise
Bayeux
Cherbourg
Granville
St Malo
Dinan
Lannion
Morlaix
Brest
Quimper
Lorient
Vannes
Redon
Nantes
Les Sables d'Olonne
La Rochelle
Rochefort
Niort
Poitiers
Chatellerault
Tours
Blois
Orleans
Gien
Nevers
Moulins
Vichy
Clermont
Limoges
Angoulême
Perigueux
Bergerac
Libourne
Bordeaux
Arcachon
Mont de Marsan
Dax
Bayonne
Biarritz
Pau
Tarbes
Lourdes
Orthez
Auch
Agen
Montauban
Cahors
Rodez
Millau
Mende
Le Puy
Aurillac
Brive
Tulle
Figeac
Toulouse
Carcassonne
Castres
Beziers
Narbonne
Perpignan
Andorra
Foix
Pamiers
Gulf of Lions
Nimes
Montpellier
Arles
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Marseilles
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Monaco
Corsica
Bastia
Ajaccio
Bonifacio
Strait of Bonifacio
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Marseilles
Toulon
Nice
Monaco
Corsica
Bastia
Ajaccio
Bonifacio
Strait of Bonifacio
Gulf of Lions
Perpignan
Andorra
Foix
Pamiers
Toulouse
Carcassonne
Castres
Beziers
Narbonne
Montpellier
Arles
Nimes

FRANCE - NORTH-WESTERN SECTION

Continued on Map 27

ENVIRONS OF PARIS
Scale 1:150,000

Scale 1:1,000,000
English Miles
Kilometres
Through Railways
Other Railways
Roads

CHANNEL ISLANDS
GUERNSEY
JERSEY
BAIE DE LA SEINE
GOLFE DE ST MALO
Plateau des Minquiers
Liverpool to Cherbourg 440 m.
Cherbourg to London 230 m.
Guernsey to Weymouth 75 m.
Southampton 103 m.
Southampton 83 m.
Southampton 114 m.
Le Havre to Portsmouth 80 m.
Le Havre to London 195 m.
70 m.
28 m.

CHERBOURG
VALOGNES
BRICQUEBEC
CARENTAN
COUTANCES
GRANVILLE
AVRANCHES
MONTMARTIN
CANCALE
ST MALO
DINARD
DINAN
ST BRIEUC
MORLAIX
LANNION
PLOUESCAT
LANDERNEAU
BREST
QUIMPER
CONCARNEAU
DOUARNENEZ
PONTIVY
LORIENT
PLEYBER CHRIST
CHATEAULIN
LOUDEAC
MONTFORT
RENNES
VITRÉ
FOUGÈRES
MAYENNE
DOMFRONT
MORTAIN
ARGENTAN
FALAISE
VIRE
CAEN
BAYEUX
LISIEUX
PONT L'EVÊQUE
HONFLEUR
LE HAVRE
TROUVILLE
DEAUVILLE
PONT AUDEMER
ROUEN
ELBEUF
LOUVIERS
EVREUX
DIEPPE
NEUFCHÂTEL
FECAMP
YVETOT
BOLBEC
LILLEBONNE
BARENTIN
AMIENS
ABBEVILLE
DOMART
DOULLENS
ALBERT
PÉRONNE
MONTDIDIER
ROYE
CHAULNES
ROISEL
PARIS
VERSAILLES
ST CLOUD
SÈVRES
MEUDON
BOULOGNE
NANTERRE
COURBEVOIE
NEUILLY
ST DENIS
LE BOURGET
VINCENNES
CHARENTON
MONTREUIL
ARGENTEUIL
ST GERMAIN
POISSY
MANTES
MEULAN
CHAUMONT
PONTOISE
BEAUVAIS
CLERMONT
COMPIÈGNE
SENLIS
CREIL
MELUN
FONTAINEBLEAU
ETAMPES
DREUX
CHARTRES
RAMBOUILLET
MAINTENON
NOGENT LE ROTROU
ALENÇON
LE MANS
ST CALAIS
MAMERS
CHÂTEAU DU LOIR
LA FLÈCHE
SABLÉ
CHÂTEAU GONTIER
LAVAL
VITRÉ
CHÂTEAUBRIANT
ANCENIS
REDON
VANNES
AURAY
QUIBERON
PONTIVY
ANGERS
SAUMUR
CHINON
LOUDUN
THOUARS
PARTHENAY
NIORT
POITIERS
CHÂTELLERAULT
LOCHES
BLOIS
VENDÔME
ORLÉANS
PITHIVIERS
GIEN
ROMORANTIN
MONTARGIS
ISSOUDUN
LA CHÂTRE
CHÂTEAUROUX
LE BLANC
ARGENTON
CLUIS
LES SABLES D'OLONNE
ST NAZAIRE
LA ROCHE
CHALLANS
BEAUVOIR
NOIRMOUTIER
ILE D'OUESSANT
ILE DE BATZ
ILE DE GROIX
ILE DE BELLE ISLE
ILE DE RÉ
ILE D'OLÉRON
ILE D'YEU
ILE DE NOIRMOUTIER

EXPLANATION OF OROGRAPHICAL COLOURING
METRES / FEET
400 / 1312
300 / 984
200 / 656
100 / 328
Sea Level
0 / 3 Fathoms

LE HAVRE
Scale 1:30,000
1 Mile
1 Kilo.

RECOUVRANCE
BREST
Scale 1:300,000
3 Miles
5 Kilos

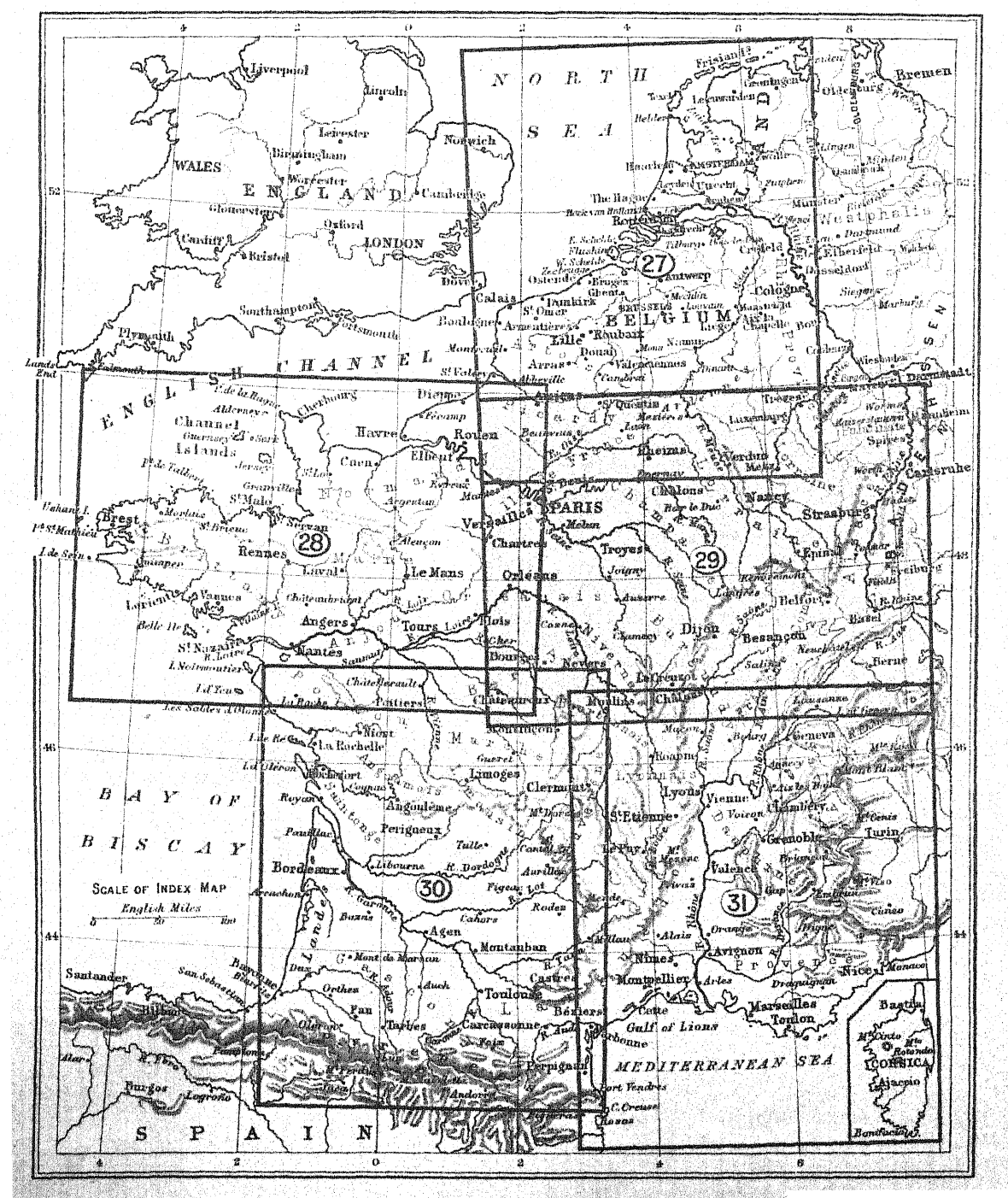
SEINE INFÉRIEURE
EURE
CALVADOS
MANCHE
ORNE
SARTHE
MAYENNE
ILLE ET VILAINE
CÔTES DU NORD
FINISTÈRE
MORBIHAN
LOIRE INFÉRIEURE
MAINE ET LOIRE
VENDÉE
DEUX SÈVRES
VIENNE
INDRE ET LOIRE
LOIR ET CHER
LOIRET
EURE ET LOIR
SEINE ET OISE
SEINE ET MARNE
OISE
SOMME
AISNE
ARDENNES
MARNE
AUBE
YONNE
NIÈVRE
CHER
INDRE
CREUSE
HAUTE VIENNE
CHARENTE
CHARENTE INFÉRIEURE
DORDOGNE

Meridian of Greenwich

Continued on Map 29

FRANCE—NORTH-EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate


NORTH SEA
ENGLISH CHANNEL
BAY OF BISCAY
MEDITERRANEAN SEA
ENGLAND
WALES
BELGIUM
SPAIN
CORSICA
Liverpool
Lincoln
Leicester
Norwich
Birmingham
Worcester
Cambridge
Gloucester
Oxford
LONDON
Cardiff
Bristol
Dover
Calais
Dunkirk
Boulogne
Southampton
Portsmouth
Plymouth
Brussels
Antwerp
Ostende
Bruges
Ghent
Lille
Roubaix
Tourcoing
Arras
Amiens
Dieppe
Le Havre
Rouen
Caen
Cherbourg
Channel Islands
Alderney
Guernsey
Sark
Jersey
St Malo
Granville
Brest
Quimper
Rennes
Laval
Le Mans
Alençon
Vannes
Lorient
Angers
Tours
Nantes
St Nazaire
Versailles
PARIS
Melun
Chartres
Orléans
Troyes
Reims
Verdun
Metz
Châlons
Nancy
Strasbourg
Belfort
Dijon
Besançon
Bourges
Nevers
Poitiers
La Rochelle
Limoges
Clermont
Lyons
St Etienne
Vienne
Grenoble
Valence
Avignon
Nîmes
Montpellier
Arles
Cette
Marseilles
Toulon
Nice
Monaco
Bastia
Ajaccio
Angoulême
Périgueux
Bordeaux
Agen
Montauban
Cahors
Rodez
Toulouse
Carcassonne
Béziers
Perpignan
Narbonne
Gulf of Lions
Castres
Pau
Orthez
Tarbes
Bayonne
Biarritz
San Sebastian
Santander
Pamplona
Burgos
Logroño
Andorra
Friesland
Leeuwarden
Groningen
Oldenburg
Bremen
Münster
Westphalia
Düsseldorf
Cologne
Aachen
Coblenz
Wiesbaden
Darmstadt
Spires
Carlsruhe
Strasburg
Freiburg
Basel
Berne
Geneva
Turin
Cannes
Orange
Aix
Draguignan
Digne
Gap
Briançon
Embrun
Cuneo
Mont Blanc
Mont de Marsan
Figeac
Aurillac
Libourne
Bergerac
Périgueux
Tulle
Puy de Dôme
Mt Dore
Le Puy
Mende
Millau
Alais
Foix
Lourdes
Auch
Dax
Bayonne
Biarritz
Roye
Compiègne
Soissons
Laon
Mézières
Sedan
Metz
Thionville
Luxembourg
Trèves
Coblenz
Aachen
Maastricht
Liège
Namur
Mons
Valenciennes
Cambrai
Arras
Abbeville
St Quentin
Laon
Rheims
Chalons
Troyes
Joigny
Auxerre
Sens
Melun
Fontainebleau
Versailles
Chartres
Dreux
Alençon
Le Mans
Laval
Angers
Tours
Orléans
Blois
Nevers
Bourges
Moulins
Châteauroux
Poitiers
Châtellerault
Niort
La Rochelle
Rochefort
Saintes
Angoulême
Périgueux
Limoges
Clermont
Lyons
Vienne
St Etienne
Grenoble
Valence
Avignon
Nîmes
Montpellier
Arles
Cette
Marseilles
Toulon
Nice
Monaco
Draguignan
Digne
Gap
Briançon
Embrun
Cuneo
Turin
Geneva
Berne
Basel
Belfort
Besançon
Dijon
Langres
Epinal
Nancy

Continued on Map 27

FRANCE - NORTH-EASTERN SECTION

Continued on Map 28

Continued on Map 48

Longitude East of Greenwich

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
2000	6562
1500	4921
1000	3281
800	2624
600	1968
400	1312
300	984
200	656
100	328
	Sea Level

Scale 1 : 1,000,000

English Miles 0 5 10 20 30 40

Kilometres 0 5 10 20 30 40

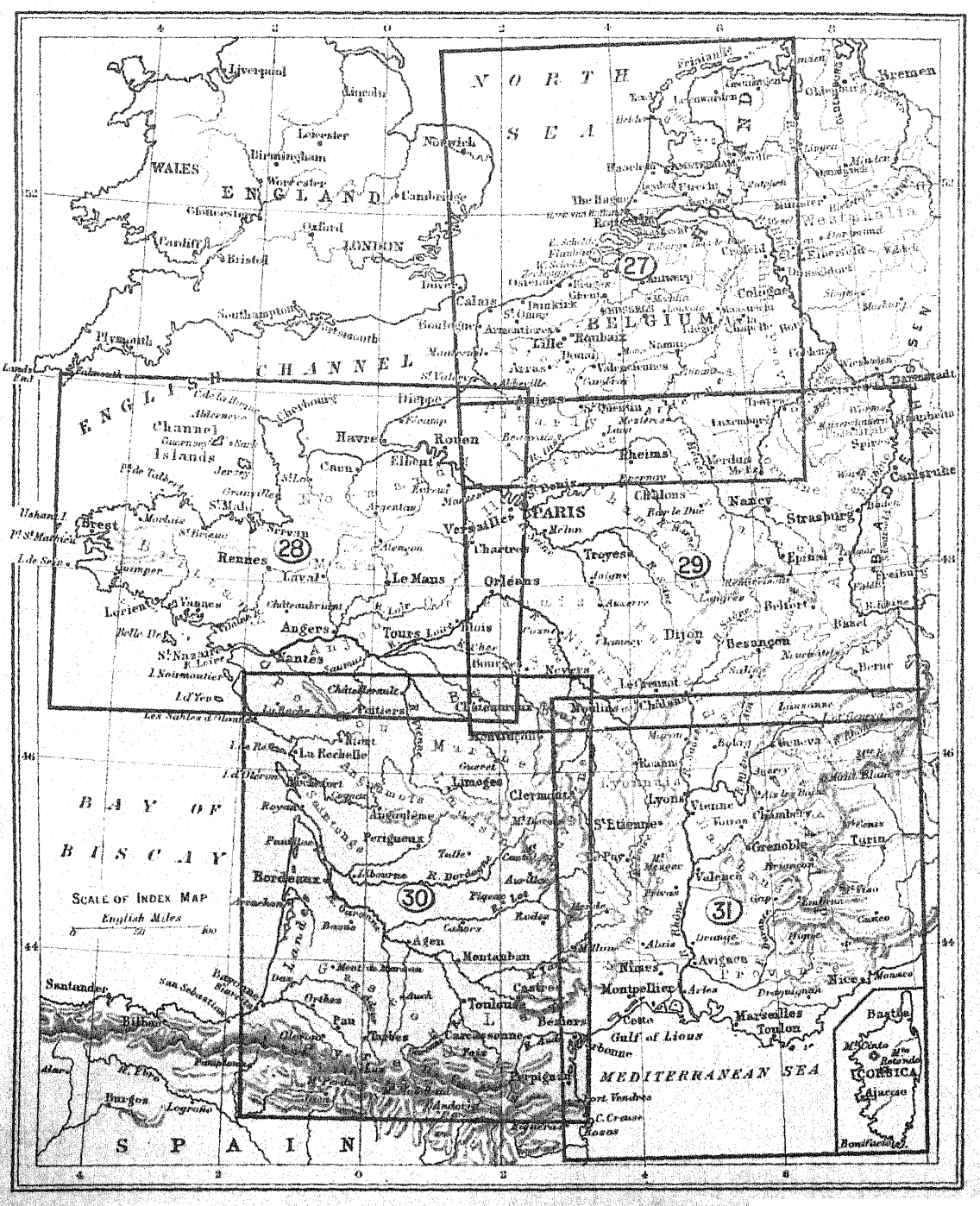
Through Railways

Other Railways

Roads

FRANCE—SOUTH-WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF FRANCE

ON SCALE OF 1 : 1,000,000

or 15·7 miles to an inch

THE EDINBURGH GEOGRAPHICAL INSTITUTE
JOHN BARTHOLOMEW & CO

FRANCE - SOUTH-WESTERN SECTION

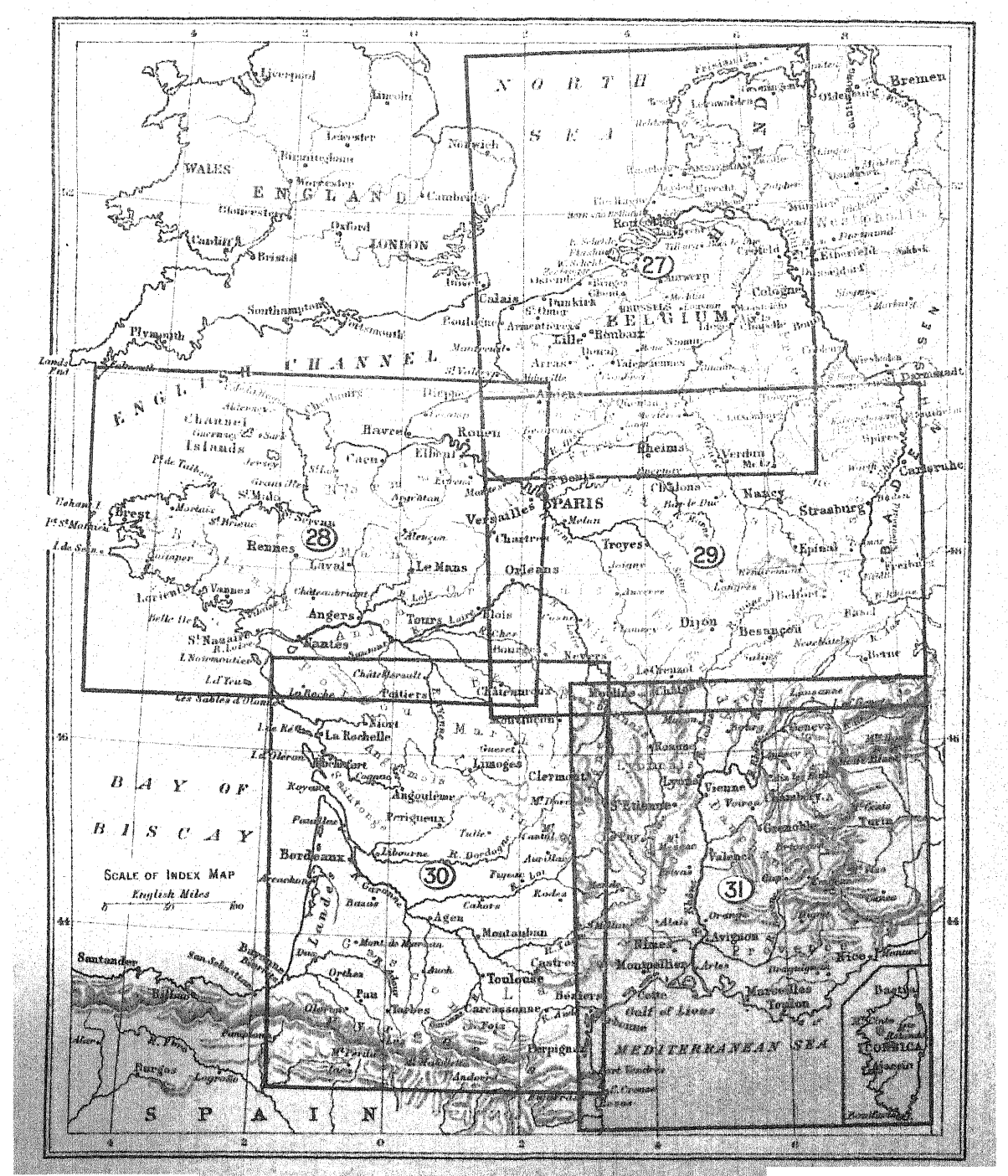
Continued on Map 29

Continued on Map 31

"The Times" ATLAS
PLATE 30

FRANCE—SOUTH-EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate


NORTH SEA
ENGLAND
WALES
LONDON
ENGLISH CHANNEL
Channel Islands
BELGIUM
PARIS
BAY OF BISCAY
MEDITERRANEAN SEA
Gulf of Lions
CORSICA
SPAIN
Liverpool
Leicester
Birmingham
Norwich
Cambridge
Gloucester
Oxford
Cardiff
Bristol
Southampton
Plymouth
Calais
Dunkirk
Lille
Rembaix
Cologne
Aachen
Essen
Dortmund
Havre
Rouen
Caen
Elbeuf
Rheims
Verdun
Metz
Carlsruhe
Nancy
Strasburg
Epinal
Brest
St Malo
Versailles
Chartres
Troyes
Rennes
Laval
Le Mans
Orleans
Vannes
Lorient
Angers
Tours
Blois
Dijon
Besançon
Nantes
St Nazaire
Poitiers
Niort
La Rochelle
Rochefort
Limoges
Clermont
Angoulême
Périgueux
Bordeaux
Libourne
Agen
Montauban
Toulouse
Castres
Carcassonne
Béziers
Montpellier
Nîmes
Avignon
Arles
Marseilles
Toulon
Nice
Bastia
Ajaccio
Bilbao
Santander
Pau
Tarbes
Foix
Perpignan
Burgos
Logroño
R. Ebro
Mt Perdu
Andorra
Mont de Marsan
Orthez
Oloron
Pamplona
Vitoria
San Sebastian
Bayonne
Biarritz
Dax
Auch
Tarn
Lot
Garonne
Dordogne
Gironde
Loire
Seine
Somme
Meuse
Moselle
Rhine
Rhone
Saône
Doubs
Aube
Marne
Yonne
Allier
Cher
Indre
Vienne
Charente
Creuse
Corrèze
Dordogne
Lot
Aveyron
Tarn
Hérault
Gard
Vaucluse
Drôme
Isère
Savoie
Haute Savoie
Ain
Jura
Côte d'Or
Haute Marne
Meurthe et Moselle
Vosges
Haut Rhin
Bas Rhin
Moselle
Ardennes
Aisne
Oise
Seine et Oise
Seine et Marne
Loiret
Loir et Cher
Indre et Loire
Maine et Loire
Loire Inférieure
Vendée
Deux Sèvres
Vienne
Haute Vienne
Charente Inférieure
Gironde
Landes
Basses Pyrénées
Hautes Pyrénées
Haute Garonne
Ariège
Pyrénées Orientales
Aude
Gers
Lot et Garonne
Tarn et Garonne
Aveyron
Lozère
Gard
Bouches du Rhône
Var
Basses Alpes
Hautes Alpes
Alpes Maritimes
Corse
Haute Corse
Finistère
Côtes du Nord
Ille et Vilaine
Morbihan
Manche
Calvados
Orne
Eure
Seine Inférieure
Eure et Loir
Sarthe
Mayenne
Loire Inférieure
Vendée
Deux Sèvres
Vienne
Haute Vienne
Charente
Charente Inférieure
Creuse
Corrèze
Cantal
Puy de Dôme
Haute Loire
Ardèche
Loire
Rhône
Ain
Haute Savoie
Savoie
Isère
Drôme
Vaucluse
Bouches du Rhône
Var
Alpes Maritimes
Basses Alpes
Hautes Alpes
Gard
Hérault
Aude
Pyrénées Orientales
Ariège
Haute Garonne
Hautes Pyrénées
Basses Pyrénées
Landes
Gers
Lot et Garonne
Tarn et Garonne
Aveyron
Lozère
Cantal
Puy de Dôme
Haute Loire
Ardèche
Loire
Rhône
Ain
Jura
Côte d'Or
Haute Marne
Meurthe et Moselle
Vosges
Haut Rhin
Bas Rhin
Moselle
Ardennes
Aisne
Oise
Seine et Oise
Seine et Marne
Loiret
Loir et Cher
Indre et Loire
Maine et Loire

Continued on Map 29

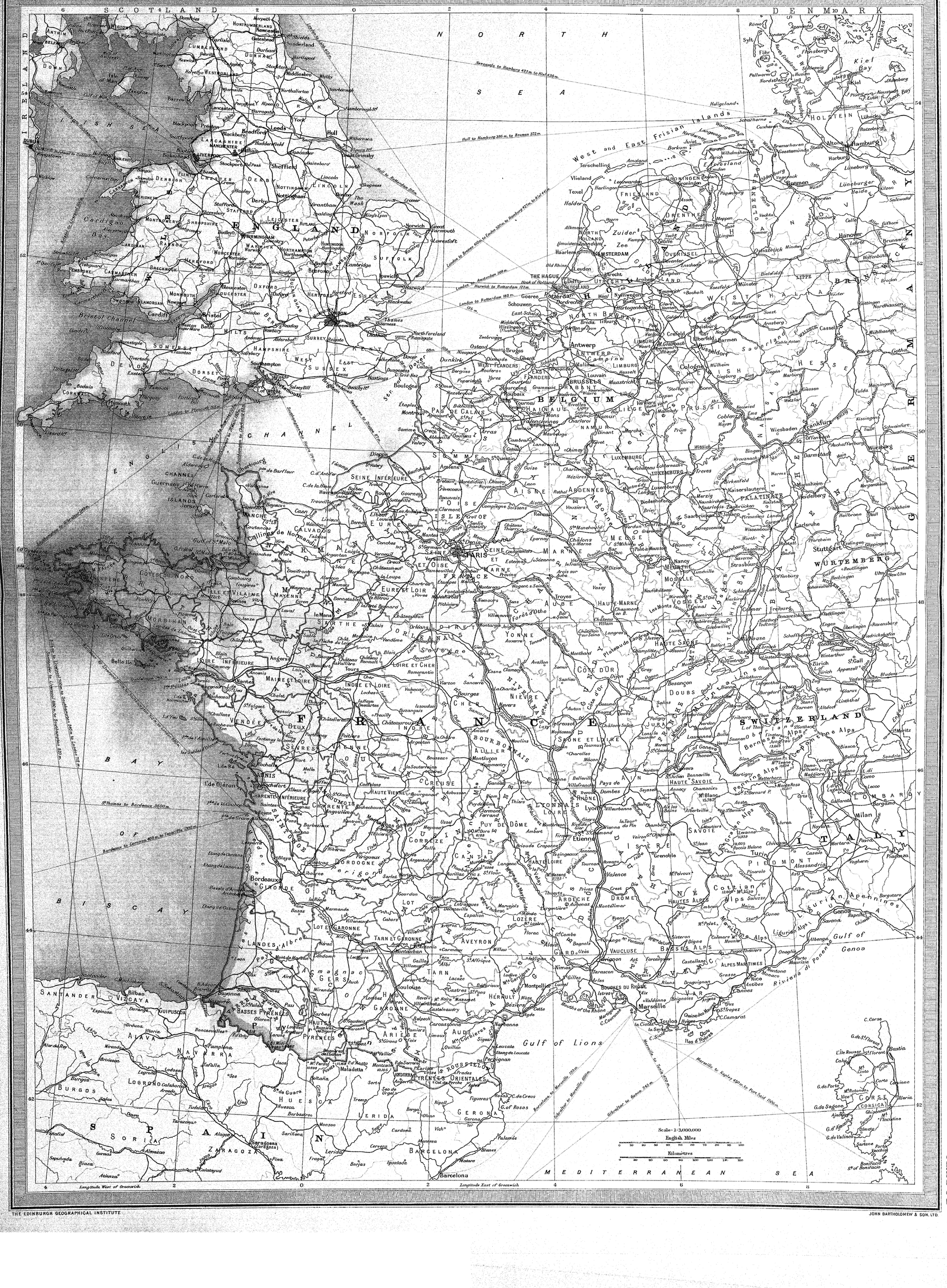
FRANCE - SOUTH-EASTERN SECTION

LONS LE SAUNIER
JURA
SWITZERLAND
LAUSANNE
Vevey
Montreux
Thonon
Evian
St Claude
GENEVA
Nantua
Bourg
MACON
Louhans
Sion
Martigny
Chamonix
Mont Blanc
Aosta
Châtillon
Verres
Ivrea
Albertville
Moutiers
Bourg St Maurice
Modane
Susa
TURIN
Pinerolo
Briançon
Embrun
GAP
Digne
Barcelonnette
CUNEO
Mondovi
Limone
Ventimiglia
San Remo
Bordighera
Menton
Monaco
NICE
Grasse
Antibes
CANNES
Draguignan
Toulon
Hyères
Iles d'Hyères
MARSEILLE
AIX
Salon
Arles
Tarascon
AVIGNON
Carpentras
Cavaillon
Apt
Forcalquier
Sisteron
Castellane
Manosque
Barrême
Digne
Puget Theniers
Entrevaux
Annot
Guillaumes
Barcelonnette
Jausiers
Larche
Argentera
Valdieri
Demonte
Vinadio
Borgo
Aosta
Pont Canavese
Locana
Castellamonte
Rivarolo
Giorgio
Strambino
Caluso
Lanzo
Ceres
Viu
Usseglio
Corio
Montanaro
Chivasso
Volpiano
Rivoli
Avigliana
Bussoleno
Susa
Oulx
Fenestrelle
Pinerolo
Perosa
Perrero
Cumiana
Orbassano
Rivoli
Moncalieri
Chieri
Poirino
Carignano
Vigone
Racconigi
Savigliano
Saluzzo
Revello
Brà
Narzole
Fossano
Bene
Centallo
Busca
Dronero
Caraglio
Cuneo
Boves
Chiusa
Villanova
Mondovì
Ceva
Garessio
Pieve di Teco
Oneglia
Porto Maurizio
Imperia
Taggia
Sanremo
Ventimiglia
Mentone
Monaco
Nice
Cannes
Grasse
Draguignan
Brignoles
Toulon
Hyères
Iles d'Hyères
Marseille
Aubagne
La Ciotat
Cassis
Aix
Salon
Arles
Tarascon
Avignon
Carpentras
Cavaillon
Apt
Forcalquier
Sisteron
Digne
Castellane
Manosque
Barrême

FRANCE, BELGIUM & HOLLAND

Political Map

FRANCE, BELGIUM & HOLLAND – POLITICAL



SPAIN & PORTUGAL

WESTERN SECTION

SCALE 1 : 2,000,000

Environs of Lisbon, Oporto, Cadiz and Gibraltar

SPAIN & PORTUGAL - WESTERN SECTION

BAY OF BISCAY

ATLANTIC OCEAN

MEDITERRANEAN SEA

GULF OF CADIZ

OPORTO

CADIZ

BAHIA DE CADIZ

ISLA DE LEON

EL TROCADERO

PUERTO SANTA MARIA

ROTA

GIBRALTAR

Neutral Ground

LISBOA (LISBON)

Belem

Mar de Palha

Bay of Setubal

Scale 1:2,000,000

English Miles

Kilometres

In Portugal the Capitals of the Administrative Districts are underlined.

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
2000	6562
1500	4921
1000	3281
500	1640
300	984
100	328
	Sea Level
183	100 Fathoms

Longitude West of Greenwich

THE EDINBURGH GEOGRAPHICAL INSTITUTE.

JOHN BARTHOLOMEW & SON, LTD.

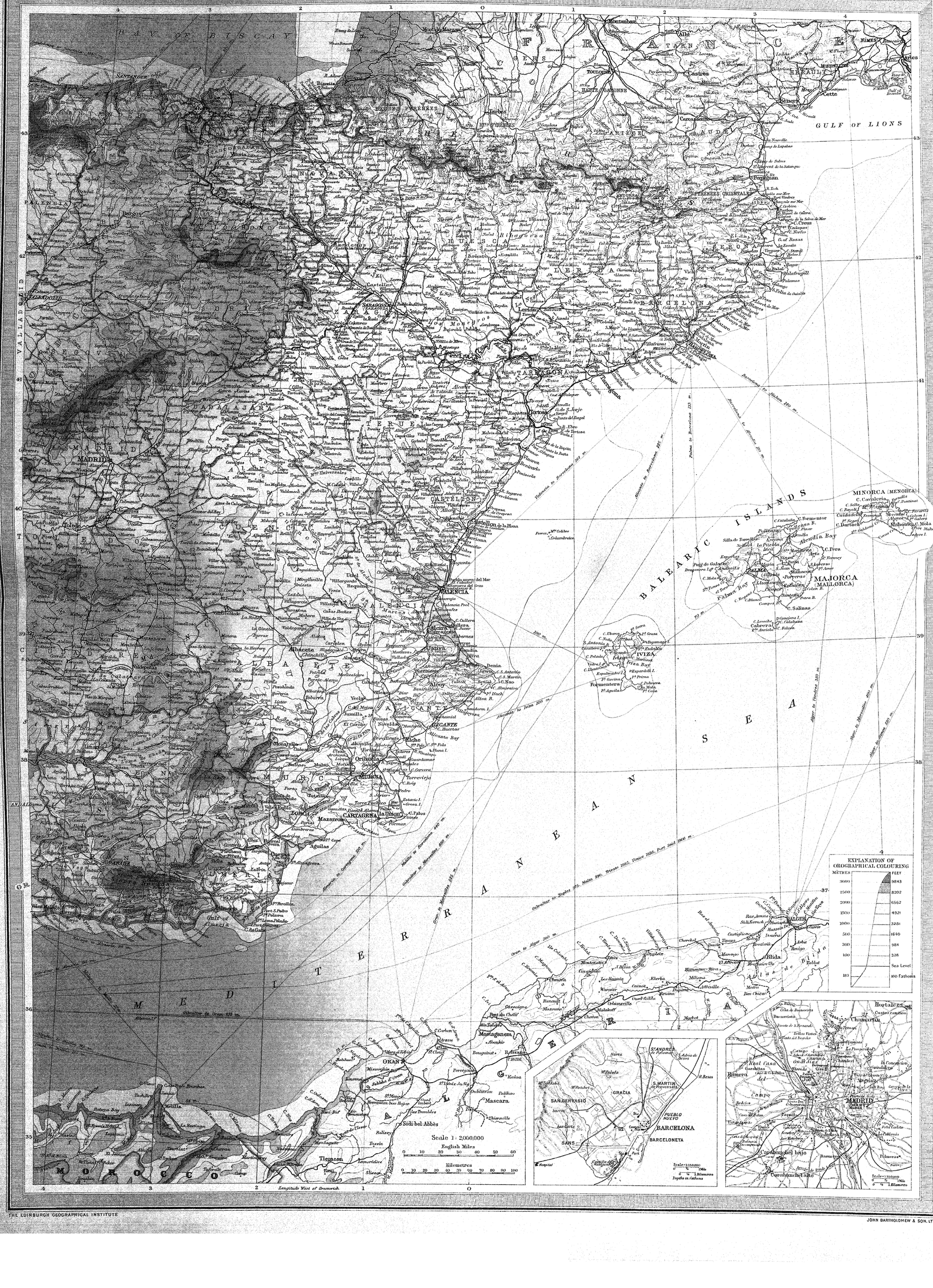
SPAIN & PORTUGAL

EASTERN SECTION

SCALE 1:2,000,000

Environs of Madrid and Barcelona

SPAIN & PORTUGAL – EASTERN SECTION



SWITZERLAND

SCALE 1 : 600,000

SWITZERLAND

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
3000	9843
2500	8202
2000	6562
1500	4921
1000	3281
900	2952
800	2624
700	2296
600	1968
500	1640
400	1312
300	984
200	656
100	328

Glaciers, Snow &c.

Sea Level.

Scale - 1:600,000 or 9½ Miles to an Inch

0 5 10 20 30 40 50 Kilomètres

0 5 10 20 30 English Miles

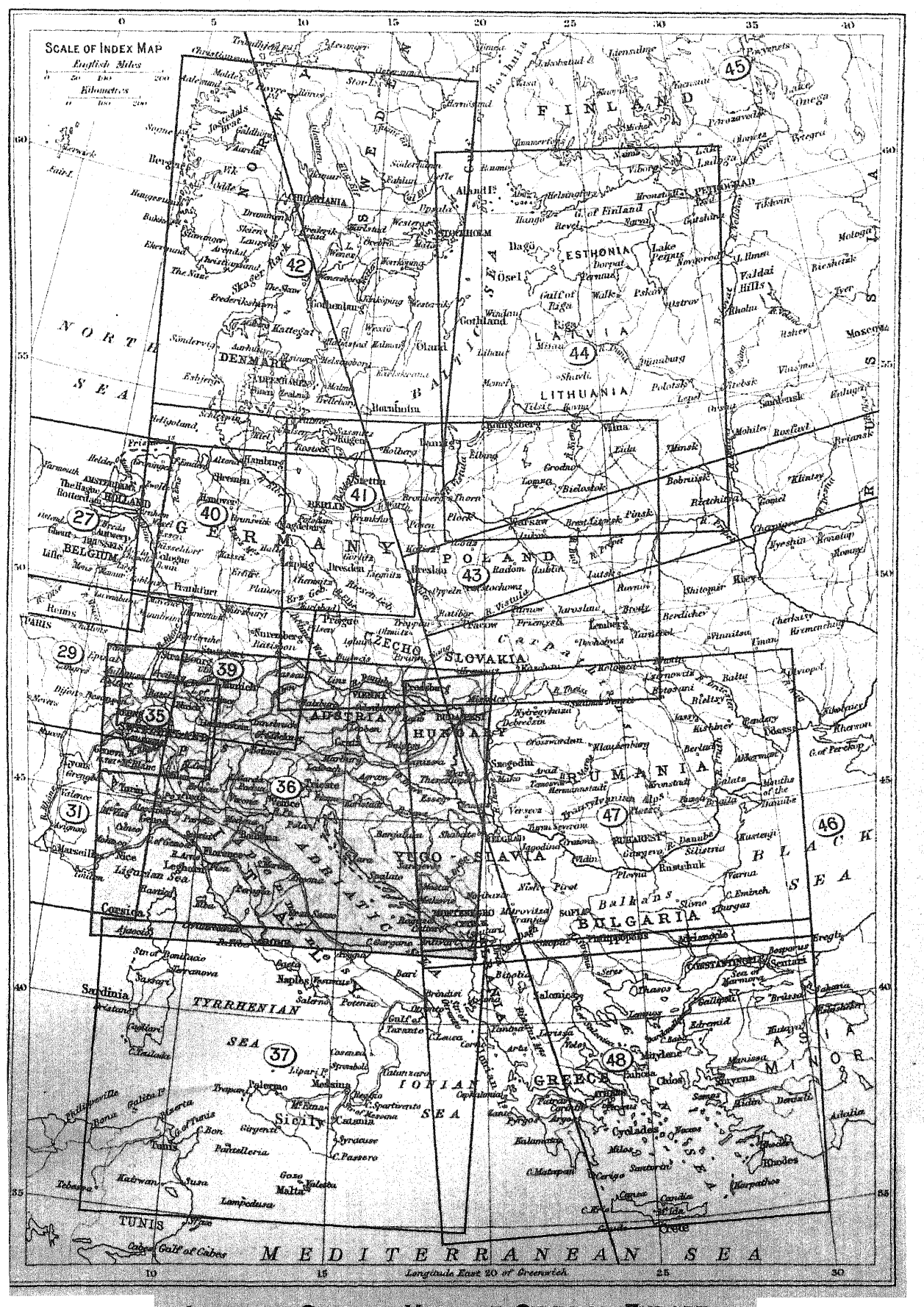
Railways, Normal Standard ——— Tunnel ——— Principal Roads ———

" Narrow Gauge ——— Secondary Roads ———

Longitude East 8 of Greenwich

NORTHERN ITALY, AUSTRIA, &c.

The Shaded Area on Index Map shows the extent of this Plate

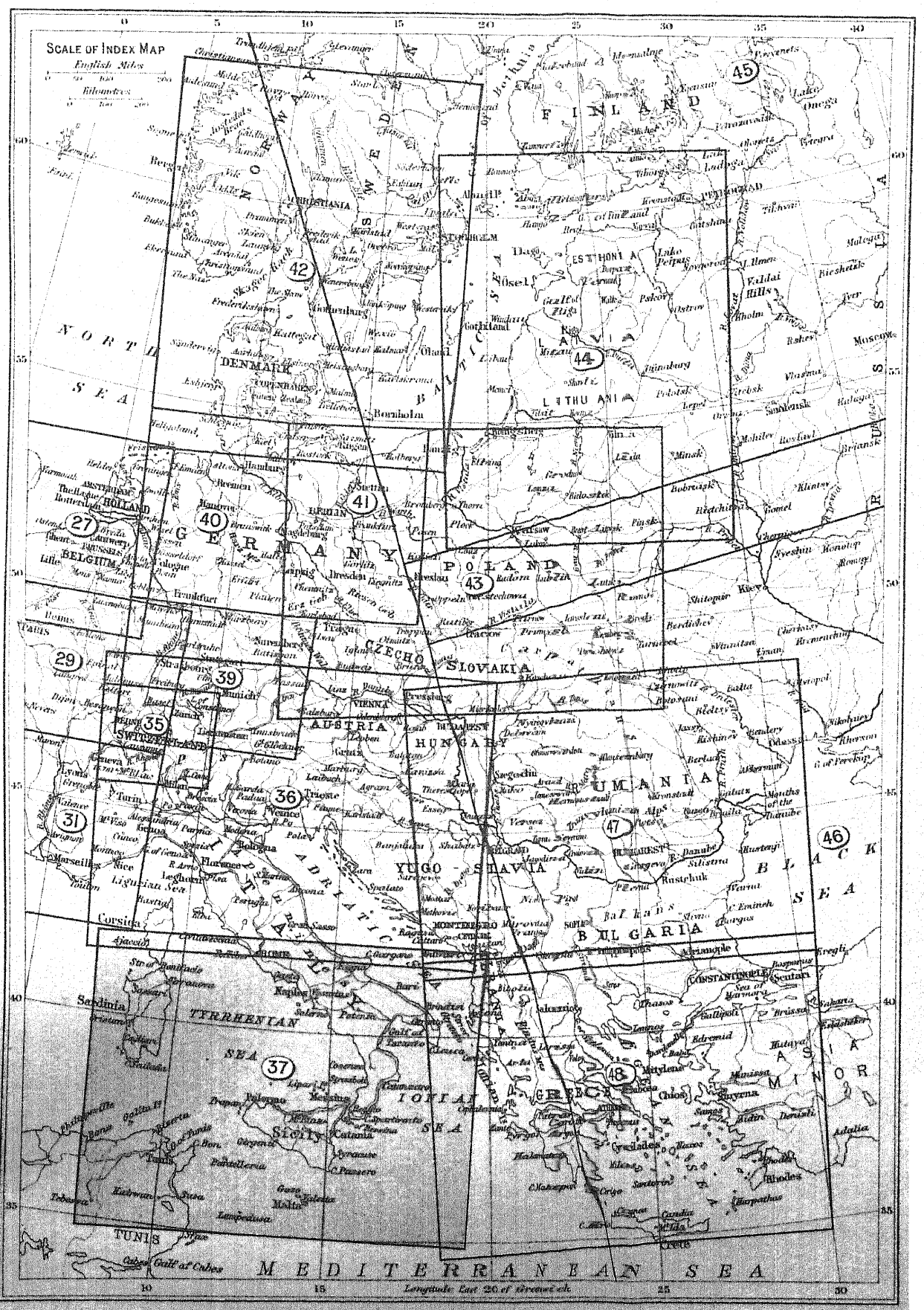


INDEX TO SECTION MAPS OF CENTRAL EUROPE

NORTHERN ITALY, AUSTRIA, &c.

SOUTHERN ITALY

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

SOUTHERN ITALY

CORSICA (TO FRANCE)

SARDINIA (TO ITALY)

TYRRHENIAN SEA

ADRIATIC SEA

MEDITERRANEAN SEA

ALGERIA

TUNISIA

ALBANIA

ROME

NAPLES

PALERMO

MESSINA

CATANIA

TARANTO

BRINDISI

BARI

TUNIS

Strait of Bonifacio

Gulf of Asinara

Gulf of Gaeta

Gulf of Naples

Gulf of Salerno

Gulf of Taranto

Strait of Otranto

Gulf of Policastro

Gulf of Squillace

Gulf of Gioja

Gulf of S. Eufemia

Gulf of Manfredonia

Gulf of Tunis

Gulf of Hammamet

Malta Channel

Bay of Naples

Bocca Grande

Bocca Piccola

Capri I.

Ischia

Procida

Pantellaria I.

Lampedusa I.

Eolie or Lipari Is (Messina)

Egadi Is

Pontine Is

Tremiti Is

Strombolli I.

Vulcano I.

Lipari I.

Salina I.

Filicudi I.

Alicudi I.

Vertica I.

Corfu (Kerkyra)

Scale 1:2000000

English Miles 0 10 20 30 40 50 60

Kilometres 0 10 20 30 40 50 60 70 80 90 100

In Italy the Chief Town of each Provincia is underlined

Scale 1:500000 0 5 10 15 20 Miles

Scale 1:500000 0 5 10 15 20 Miles

Longitude East 14 of Greenwich.

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
3000	9843
2500	8202
2000	6562
1500	4921
1000	3281
500	1640
200	328
100	984
	Sea Level
183	100 Fathoms

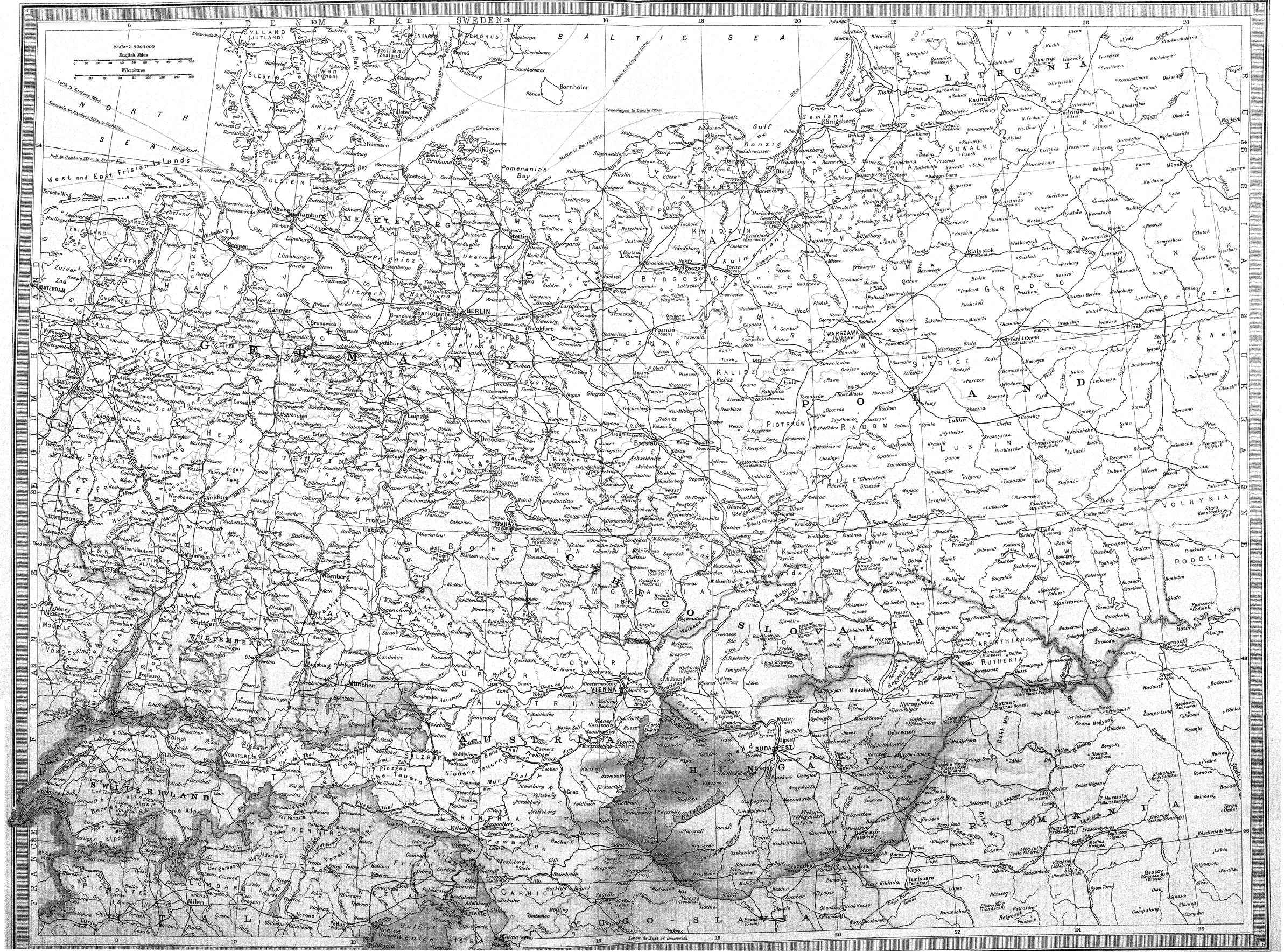
The Heights engraved on the Map are in English Feet

CENTRAL EUROPEAN STATES

POLITICAL

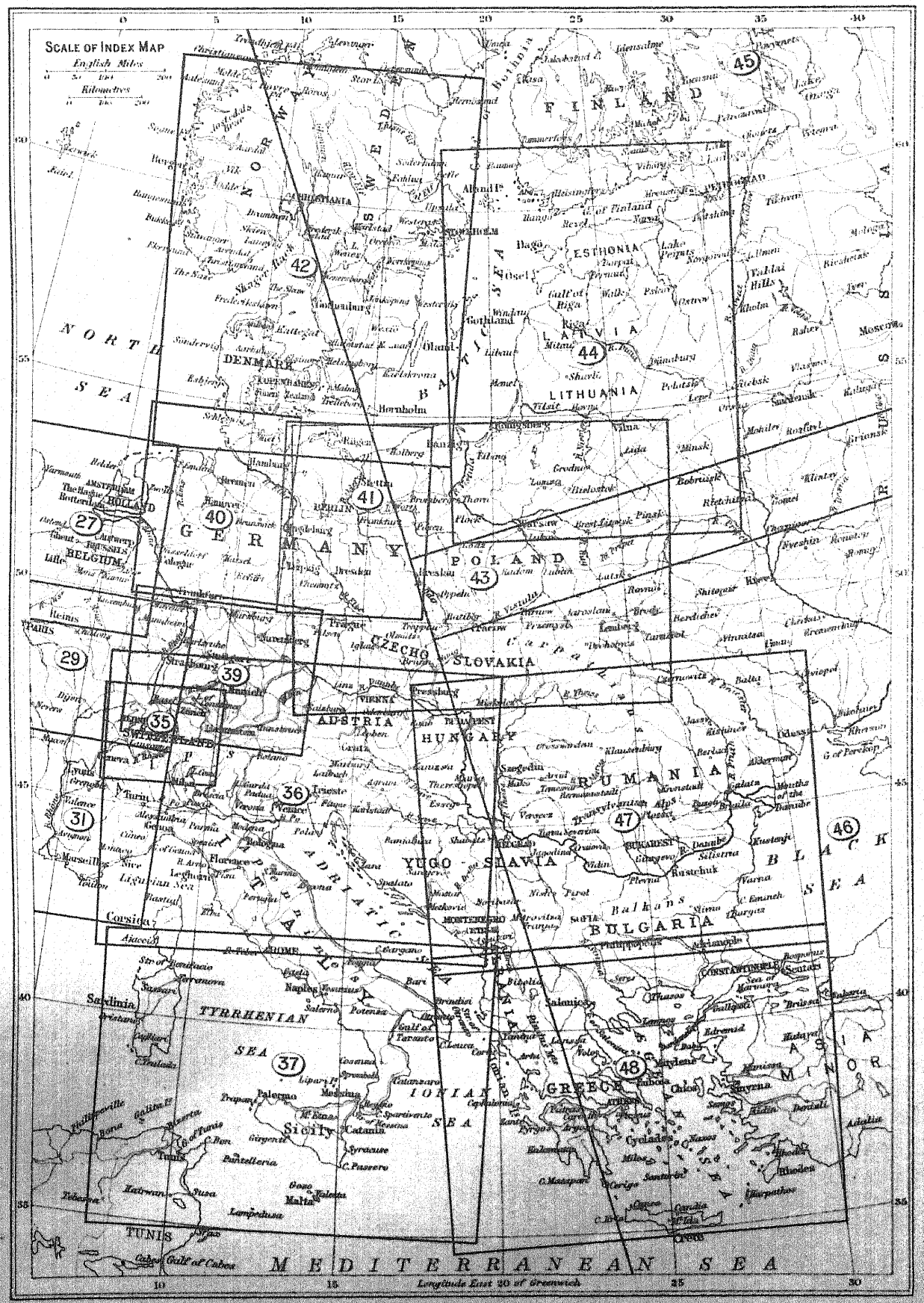
SCALE 1 : 3,000,000

CENTRAL EUROPEAN STATES - POLITICAL


Scale 1:3,000,000
English Miles
Kilometres
DENMARK
SWEDEN
BALTIC SEA
NORTH SEA
Gulf of Danzig
Pomeranian Bay
Kiel Bay
Fehmarn Belt
Great Belt
The Sound
Copenhagen
Malmö
Bornholm
Stettin
Danzig
Königsberg
Memel
Kaunas
Vilnius
Minsk
Hamburg
Bremen
Hanover
Berlin
Magdeburg
Leipzig
Dresden
Breslau
Frankfurt
Cologne
Düsseldorf
Essen
Dortmund
Nuremberg
Munich
Stuttgart
Mannheim
Frankfurt
Vienna
Budapest
Prague
Warsaw
Poznań
Łódź
Kraków
Lublin
Lwów
Brno
Ostrava
Katowice
Bydgoszcz
Toruń
Gdańsk
Gdynia
Amsterdam
Rotterdam
The Hague
Brussels
Antwerp
Luxembourg
Zürich
Basel
Geneva
Bern
Innsbruck
Salzburg
Graz
Klagenfurt
Trieste
Venice
Milan
Turin
Verona
Bologna
Florence
Rome
Naples
Belgrade
Zagreb
Ljubljana
Sarajevo
Bucharest
Timişoara
Cluj
Brasov
Iaşi
Chişinău
Odessa
Lemberg
Pripet Marshes
Volhynia
Podolia
Ruthenia
Transylvania
Carpathian Mts
Alps
Pyrenees
Black Forest
Bohemian Forest
Erzgebirge
Riesengebirge
Tatra Mts
Dolomites
Apennines
Jutland
Zealand
Funen
Gotland
Rügen
Oder R.
Elbe R.
Rhine R.
Danube R.
Vistula R.
Dniester R.
Prut R.
Pripet R.
Dvina R.
Niemen R.
Vistula Lagoon
Kurische Nehrung
Frische Nehrung
Hela
Swinemünde
Stettin
Kolberg
Danzig
Elbing
Marienburg
Thorn
Posen
Kalisz
Lodz
Radom
Lublin
Przemyśl
Tarnopol
Brody
Kovno
Vilna
Grodno
Brest-Litovsk
Pinsk
Bialystok
Suwalki
Memel
Tilsit
Insterburg
Gumbinnen
Allenstein
Marienwerder
Graudenz
Kulm
Briesen
Strasburg
Soldau
Lyck
Johannisburg
Angerburg
Rastenburg
Heilsberg
Braunsberg
Pillau
Frisches Haff
Kurisches Haff
Memel R.
Nemunas R.
Narew R.
Bug R.
Vistula R.
Warta R.
Oder R.
Neisse R.
Bober R.
Spree R.
Havel R.
Elbe R.
Saale R.
Weser R.
Ems R.
Rhine R.
Main R.
Moselle R.
Danube R.
Inn R.
Drave R.
Save R.
Tisza R.
Maros R.
Aluta R.
Dniester R.
Prut R.
Pripet R.
Dvina R.
Niemen R.
Vistula R.
Oder R.
Elbe R.
Rhine

GERMANY—SOUTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

GERMANY - SOUTHERN SECTION

Continued on Map 40

Continued on Map 41

Continued on Map 39

RHENISH PRUSSIA

HESSE-NASSAU

LOWER FRANCONIA

UPPER FRANCONIA

CZECHO-SLOVAKIA

LUXEMBURG

PALATINATE

RHINE HESSE

DARMSTADT

WÜRZBURG

ASCHAFFENBURG

BAMBERG

BAYREUTH

KULMBACH

KARLSBAD

PILSEN

WIESBADEN

FRANKFURT

OFFENBACH

HANAU

MAINZ

BINGEN

BIRKENFELD

TRIER

SAARBURG

DIEKIRCH

KREUZNACH

SIMMERN

BITBURG

WITTLICH

BERNKASTEL

ALZEY

WORMS

FRANKENTHAL

MANNHEIM

LUDWIGSHAFEN

HEIDELBERG

SCHWETZINGEN

KAISERSLAUTERN

ST WENDEL

MERZIG

OTTWEILER

SAARLOUIS

HOMBURG

SAARBRÜCKEN

BOULAY

PIRMASENS

LANDAU

SPEYER

GERMERSHEIM

SARREGUEMINES

BITCHE

WISSEMBOURG

LANDAU

BRUCHSAL

EPPINGEN

WIESLOCH

BRETTEN

KARLSRUHE

DURLACH

RASTATT

PFORZHEIM

LUDWIGSBURG

ELLWANGEN

ÖTTINGEN

DONAUWÖRTH

INGOLSTADT

NEUBURG

AUGSBURG

MUNICH

MÜNCHEN

LANDSHUT

FREISING

ERDING

MÜHLDORF

RAUHENAU

PASSAU

SCHÄRDING

DINGOLFING

STRAUBING

REGENSBURG

KELHEIM

ABENSBERG

LANDSHUT

MOOSBURG

PFARRKIRCHEN

GANGHOFEN

EGGENFELDEN

ROTT

TAUFKIRCHEN

VILSBIBURG

VILSHOFEN

GRAFENAU

GRAFLING

SCHWANDORF

AMBERG

SULZBACH

NEUMARKT

NEUSTADT

WEIDEN

TIRSCHENREUTH

MARKTREDWITZ

WUNSIEDEL

HOF

KRONACH

COBURG

SCHWEINFURT

HASSFURT

KITZINGEN

ROTHENBURG

ANSBACH

CRAILSHEIM

GUNZENHAUSEN

WEISSENBURG

HILPOLTSTEIN

TREUCHTLINGEN

DINKELSBÜHL

NÖRDLINGEN

DONAUWÖRTH

NEUBURG

INGOLSTADT

ERLANGEN

FÜRTH

NÜRNBERG

SCHWABACH

ROTHENBURG

HEILBRONN

SCHWÄBISCH HALL

CRAILSHEIM

MERGENTHEIM

TAUBERBISCHOFSHEIM

WERTHEIM

LOHR

ASCHAFFENBURG

OBERNBURG

GEMÜNDEN

KISSINGEN

BAD KISSINGEN

HAMMELBURG

BRÜCKENAU

MELLRICHSTADT

HOFHEIM

EBERN

HASSFURT

SCHLÜCHTERN

GELNHAUSEN

HANAU

BÜDINGEN

FRIEDBERG

BAD NAUHEIM

HOMBURG

USINGEN

WETZLAR

GIESSEN

LIMBURG

DIEZ

NASSAU

KOBLENZ

BINGEN

ALZEY

WORMS

SPEYER

LANDAU

GERMERSHEIM

WISSEMBOURG

STRASBOURG

SCHLETTSTADT

SÉLESTAT

COLMAR

RIBEAUVILLE

RUFACH

GUEBWILLER

THANN

MULHOUSE

ALTKIRCH

BELFORT

MONTBÉLIARD

DELLE

BASEL

LÖRRACH

FREIBURG

NEUBRISACH

BREISACH

ENSISHEIM

MÜLLHEIM

KANDERN

SCHOPFHEIM

WALDSHUT

TIENGEN

ST BLASIEN

TITISEE

NEUSTADT

DONAUESCHINGEN

VILLINGEN

SCHWENNINGEN

TUTTLINGEN

SIGMARINGEN

RIEDLINGEN

BIBERACH

ULM

NEU ULM

LAUPHEIM

MEMMINGEN

KEMPTEN

KAUFBEUREN

FÜSSEN

GARMISCH

MITTENWALD

WOLFRATSHAUSEN

STARNBERG

TÖLZ

BAD TÖLZ

MIESBACH

AIBLING

ROSENHEIM

WASSERBURG

ALTÖTTING

BURGHAUSEN

TITTMONING

LAUFEN

TRAUNSTEIN

BERCHTESGADEN

REICHENHALL

SALZBURG

HALLEIN

HALLSTATT

ISCHL

GMUNDEN

VÖCKLABRUCK

WELS

LINZ

PASSAU

SCHÄRDING

BRAUNAU

RIED

SCHÄRDING

ZURICH

WINTERTHUR

SCHAFFHAUSEN

CONSTANCE

FRIEDRICHSHAFEN

RAVENSBURG

ST GALLEN

RORSCHACH

HERISAU

TROGEN

APPENZELL

FRAUENFELD

KREUZLINGEN

ROMANSHORN

ARBON

LUCERNE

BERN

THUN

INTERLAKEN

BRIENZ

MEIRINGEN

SARNEN

STANS

ENGELBERG

ALTDORF

SCHWYZ

EINSIEDELN

GLARUS

CHUR

DAVOS

KLOSTERS

FLIMS

ILANZ

THUSIS

SAMEDAN

ST MORITZ

PONTRESINA

BERNINA

LUGANO

LOCARNO

BELLINZONA

AIROLO

ANDERMATT

FURKA

GRIMSEL

SUSTEN

GEMMI

LÖTSCHBERG

SIMPLON

FRIBOURG

MORAT

NEUCHÂTEL

YVERDON

LAUSANNE

MONTREUX

VEVEY

MARTIGNY

ST MAURICE

SION

SIERRE

LEUK

BRIGUE

DOMODOSSOLA

ORTA

STRESA

LAKE CONSTANCE

LAKE OF ZURICH

LAKE OF LUCERNE

LAKE OF THUN

LAKE OF BRIENZ

LAKE OF WALLENSTADT

LAKE OF GENEVA

LAKE OF NEUCHÂTEL

LAKE OF MORAT

LAKE OF BIENNE

LAKE OF ZUG

LAKE OF LUGANO

LAKE OF MAGGIORE

LAKE OF ORTA

LAKE OF COMO

LAKE OF GARDA

LAKE OF CHIEMSEE

LAKE OF KÖNIGSEE

LAKE OF ATTER

LAKE OF TRAUN

LAKE OF GMUNDEN

LAKE OF HALLSTATT

LAKE OF WOLFGANG

LAKE OF MONDSEE

LAKE OF ZELL

LAKE OF WALCHEN

LAKE OF STARNBERG

LAKE OF AMMER

LAKE OF PILSEN

LAKE OF PRESSATH

LAKE OF KOCHEL

LAKE OF SCHLIERSEE

LAKE OF TEGERN

LAKE OF SPITZING

LAKE OF CHAM

LAKE OF ROTT

LAKE OF SCHWARZACH

LAKE OF SCHWARZENBERG

LAKE OF ALTMÜHL

LAKE OF KIRCHHEIM

LAKE OF MINDELHEIM

LAKE OF WERTACH

LAKE OF ALPSEE

LAKE OF FORGGENSEE

LAKE OF ILLER

LAKE OF ALTUSRIED

LAKE OF ZELL

LAKE OF WALDSEE

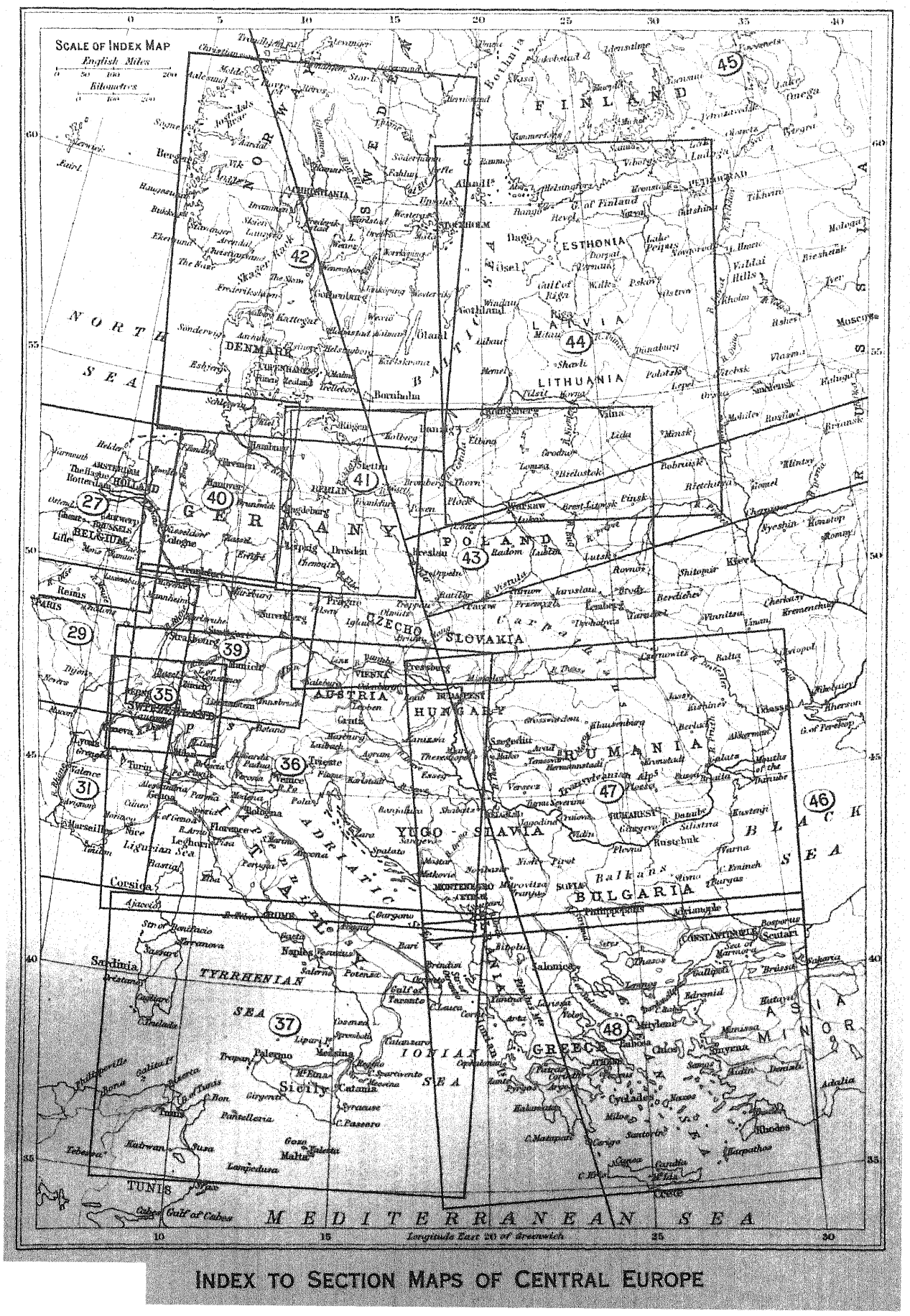
LAKE OF FEDERSEE

LAKE OF BUCHAU

LAKE OF ESSELBACH

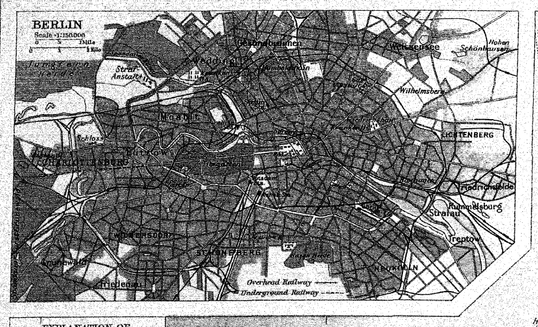
GERMANY—WESTERN SECTION

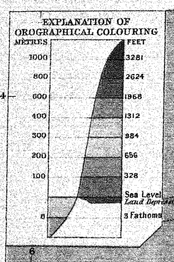
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

GERMANY – WESTERN SECTION





Scale 1 : 1,000,000

English Miles 0 5 10 20 30 40

Kilometres 0 5 10 20 30 40 50 60

Through Railways

Other Railways

Roads

HELIGOLAND BAY

KIEL BAY

MECKLENBURG BAY

EAST FRISIAN ISLANDS

HOLLAND

SCHLESWIG-HOLSTEIN

OLDENBURG

HANOVER

WESTPHALIA

HESSEN-NASSAU

BRUNSWICK

LIPPE

WALDECK

LOWER FRANCONIA

THURINGIA

SAXE-COBURG-GOTHA STATE

FEHMARN

LAALAND

FLENSBURG

Rendsburg

KIEL

Neumünster

LÜBECK

Cuxhaven

Elmshorn

Stade

ALTONA

HAMBURG

Bremerhaven (TO BREMEN)

Geestemünde

Wilhelmshaven

HARBURG

Emden

Lüneburg

Oldenburg

BREMEN

Celle

Wismar

M. STRELITZ

SCHWERIN

Ludwigslust

Parchim

Wittenberge

Uelzen

Salzwedel

Osterburg

Halberstadt

Aschersleben

Staßfurt

MAGDEBURG

Wolfenbüttel

Hildesheim

Hameln

Detmold

Paderborn

Northeim

Göttingen

Mordhausen

Eisleben

Sangerhausen

Querfurt

Apolda

Weimar

Jena

Gotha

ERFURT

Eisenach

Meiningen

Rudolstadt

Ilmenau

Suhl

Coburg

Kronach

Münster

Osnabrück

Minden

Herford

Bielefeld

Rheine

Enschede

Arnhem

Nijmegen

Apeldoorn

Deventer

Zwolle

Groningen

Leeuwarden

Assen

Meppel

Almelo

Hengelo

Oldenzaal

Winschoten

Delfzijl

Dokkum

Harlingen

Sneek

Heerenveen

Drachten

Stavoren

Lemmer

Kampen

Urk

Amersfoort

Utrecht

Hilversum

Amsterdam

Haarlem

Leiden

Rotterdam

The Hague

Delft

Dordrecht

Gouda

Alkmaar

Hoorn

Enkhuizen

Den Helder

Texel

Vlieland

Terschelling

Ameland

Schiermonnikoog

Wangerooge

Spiekeroog

Norderney

Borkum

Juist

Baltrum

Langeoog

Norden

Aurich

Leer

Papenburg

Meppen

Lingen

Nordhorn

Rheine

Ibbenbüren

Osnabrück

Bad Oeynhausen

Herford

Bielefeld

Gütersloh

Rheda

Wiedenbrück

Warburg

Höxter

Corbach

Arolsen

Kassel

Fulda

Bad Hersfeld

Eschwege

Witzenhausen

Hann. Münden

Northeim

Seesen

Goslar

Clausthal

Osterode

Braunlage

Wernigerode

Quedlinburg

Blankenburg

Thale

Bernburg

Köthen

Dessau

Zerbst

Burg

Genthin

Stendal

Tangermünde

Osterburg

Seehausen

Arendsee

Gardelegen

Salzwedel

Uelzen

Lüneburg

Winsen

Harburg

Buxtehude

Stade

Cuxhaven

Otterndorf

Bremervörde

Zeven

Rotenburg

Verden

Nienburg

Stolzenau

Hoya

Syke

Diepholz

Vechta

Cloppenburg

Quakenbrück

Meppen

Lingen

Nordhorn

Bentheim

Coesfeld

Borken

Bocholt

Wesel

Dinslaken

Duisburg

Essen

Bochum

Dortmund

Hamm

Soest

Lippstadt

Paderborn

Detmold

Lemgo

Herford

Minden

Nienburg

Celle

Soltau

Buchholz

Winsen

Lüneburg

Dannenberg

Gartow

Lüchow

Wittenberge

Perleberg

Pritzwalk

Neustrelitz

Waren

Röbel

Malchow

Plau

Parchim

Ludwigslust

Grevesmühlen

Wismar

Rostock

Warnemünde

Doberan

Bad Doberan

Heiligendamm

Kühlungsborn

Grömitz

Neustadt

Oldenburg

Eutin

Plön

Preetz

Kiel

Eckernförde

Schleswig

Flensburg

Husum

Tönning

Heide

Meldorf

Brunsbüttel

Itzehoe

Glückstadt

Pinneberg

Wedel

Blankenese

Harburg

Winsen

Lüneburg

Uelzen

Celle

Gifhorn

Wolfsburg

Helmstedt

Königslutter

Wolfenbüttel

Braunschweig

Wolfenbüttel

Salzgitter

Goslar

Seesen

Holzminden

Höxter

Brakel

Steinheim

Blomberg

Lemgo

Bad Salzuflen

Lage

Detmold

Bielefeld

Halle

Versmold

Gütersloh

Rheda

Wiedenbrück

Beckum

Ahlen

Hamm

Unna

Kamen

Lünen

Dortmund

Bochum

Herne

Gelsenkirchen

Essen

Mülheim

Oberhausen

Duisburg

Krefeld

Mönchengladbach

Rheydt

Viersen

Venlo

Roermond

Sittard

Heerlen

Maastricht

Aachen

Eschweiler

Düren

Jülich

Erkelenz

Geilenkirchen

Heinsberg

Wassenberg

Hückelhoven

Linnich

Monschau

Stolberg

Eupen

Malmedy

St Vith

Prüm

Bitburg

Wittlich

Daun

Gerolstein

Mayen

Andernach

Neuwied

Koblenz

Boppard

St Goar

Bingen

Kreuznach

Bad Kreuznach

Idar-Oberstein

Birkenfeld

Trier

Saarburg

Merzig

Saarlouis

Saarbrücken

St Ingbert

Homburg

Zweibrücken

Pirmasens

Landau

Germersheim

Speyer

Ludwigshafen

Mannheim

Heidelberg

Schwetzingen

Wiesloch

Sinsheim

Eppingen

Bretten

Karlsruhe

Rastatt

Baden-Baden

Offenburg

Kehl

Lahr

Emmendingen

Freiburg

Müllheim

Lörrach

Basel

Waldshut

Schaffhausen

Singen

Konstanz

Radolfzell

Überlingen

Meersburg

Friedrichshafen

Ravensburg

Weingarten

Leutkirch

Isny

Memmingen

Kempten

Immenstadt

Oberstdorf

Füssen

Garmisch-Partenkirchen

Mittenwald

Wolfratshausen

Starnberg

Weilheim

Landsberg

Schongau

Peissenberg

Murnau

Bad Tölz

Miesbach

Rosenheim

Traunstein

Berchtesgaden

Bad Reichenhall

Laufen

Tittmoning

Altötting

Mühldorf

Wasserburg

Ebersberg

Erding

Freising

Landshut

Dingolfing

Deggendorf

Passau

Vilshofen

Straubing

Bogen

Regen

Zwiesel

Kötzting

Cham

Furth im Wald

Waldmünchen

Neunburg vorm Wald

Schwandorf

Regensburg

Kelheim

Abensberg

Mainburg

Pfaffenhofen

Ingolstadt

Neuburg

Donauwörth

Nördlingen

Dinkelsbühl

Rothenburg ob der Tauber

Bad Mergentheim

Tauberbischofsheim

Wertheim

Miltenberg

Aschaffenburg

Hanau

Frankfurt

Offenbach

Darmstadt

Bensheim

Heppenheim

Weinheim

Mannheim

Ludwigshafen

Worms

Alzey

Bingen

Mainz

Wiesbaden

Limburg

Weilburg

Wetzlar

Giessen

Marburg

Biedenkopf

Siegen

Olpe

Meschede

Brilon

Warstein

Arnsberg

Iserlohn

Hagen

Schwelm

Elberfeld

Barmen

Solingen

Remscheid

Düsseldorf

Neuss

Krefeld

Mönchengladbach

Rheydt

Grevenbroich

Bergheim

Cologne

Leverkusen

Bonn

Siegburg

Troisdorf

Königswinter

Bad Honnef

Linz

Neuwied

Koblenz

Andernach

Mayen

Daun

Prüm

Bitburg

Wittlich

Bernkastel

Traben-Trarbach

Zell

Cochem

Treis

Kochem

Boppard

St Goar

Oberwesel

Bacharach

Kaub

Lorch

Rüdesheim

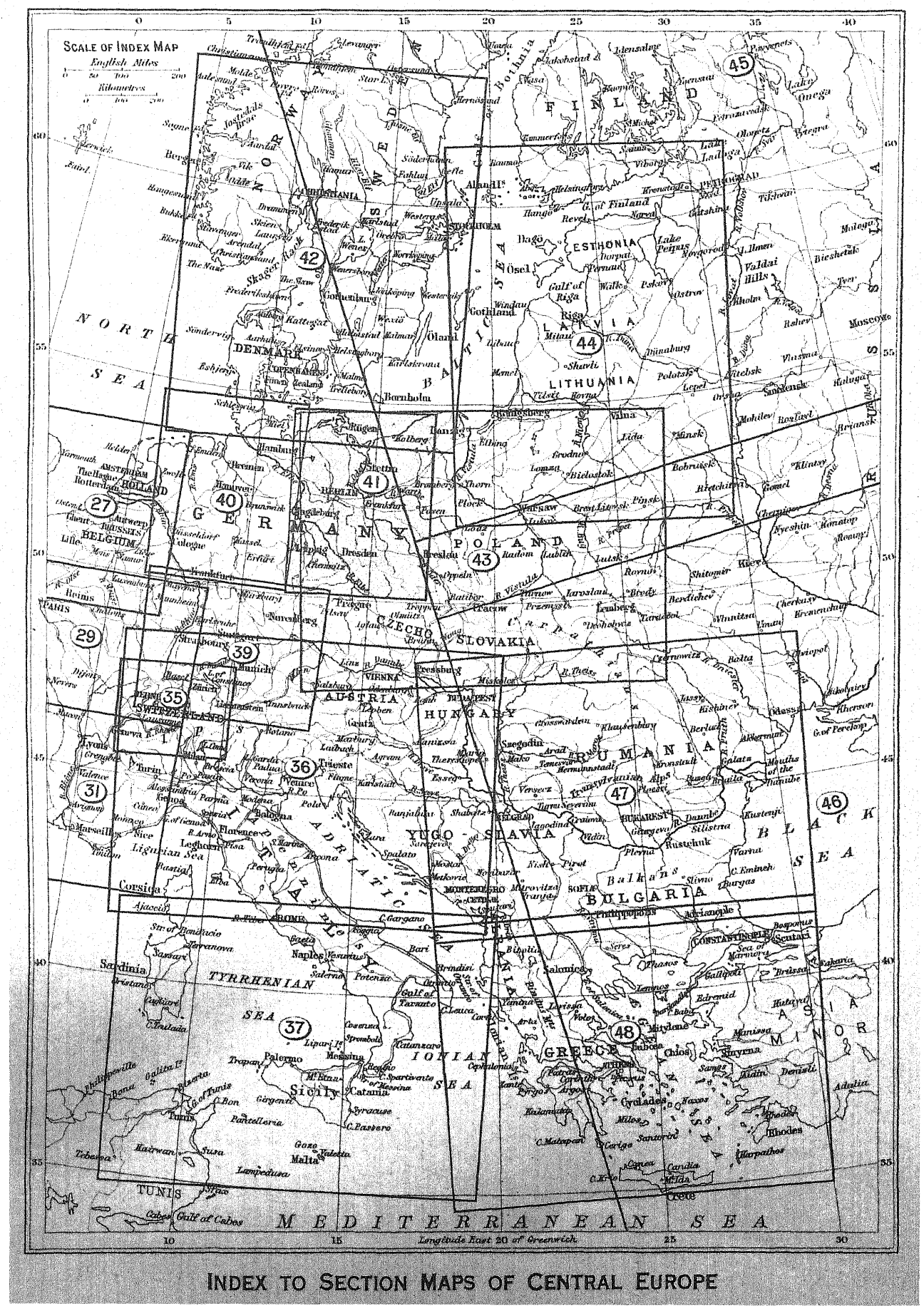
Eltville

Wiesbaden

Mainz

GERMANY—EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

GERMANY - EASTERN SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
1500	4921
1000	3281
800	2624
600	1968
400	1312
300	984
200	656
100	328
	Sea Level
0	3 Fathoms

Scale 1 : 1,000,000

English Miles 0 5 10 20 30 40

Kilometres 0 5 10 20 30 40 50 60

Through Railways

Other Railways

Roads

BALTIC SEA

Pommersche Bucht

Greifswalder Bodden

Kleines Haff

Grosses Haff

MECKLENBURG BAY

MECKLENBURG

POMERANIA

PRUSSIAN SILESIA

POSEN

POLAND

BRANDENBURG

THURINGIAN STATES

SAXONY

BOHEMIA

Kiel to Rixhöft 170 m. Pelzerhaken 170 m.

Lübeck to Stettin 210 m.

Copenhagen to Stettin 170 m.

Stettin to Rixhöft 475 m. Pernau 475 m.

Memel to Swinemünde 250 m. Stettin 295 m.

Swinemünde to Danzig 200 m.

Schulpen Light

Gr. Horst

Wittow

Arkona

Dornbusch

Hiddensee

Zingst

Prerow

Barhöft

Barth

STRALSUND

Barhöft

Borgerdorf

Putbus

Saßnitz

Thiessow

Greifswalder Oie

Warnemünde

ROSTOCK

Doberan

Heiligendamm

Kühlungsborn

Greifswald

Wolgast

Usedom

Swinemünde

Wollin

Misdroy

Kamminke

Ahlbeck

Heringsdorf

Swinhöft

Wismar

Poel

Gadebusch

Grevesmühlen

Schwerin

Gustrow

Neubrandenburg

Demmin

Anklam

Pasewalk

Ueckermünde

Eggesin

Stettin

Neu Brandenburg

Strasburg

Pasewalk

Neu Strelitz

Alt Strelitz

Prenzlau

Templin

Angermünde

Schwedt

Oderberg

Eberswalde

Finowfurt

Bernau

Oranienburg

Fürstenwalde

Frankfurt

Berlin

Charlottenburg

Potsdam

Brandenburg

Magdeburg

Neuhaldensleben

Burg

Genthin

Ziesar

Belzig

Jüterbog

Luckenwalde

Baruth

Zossen

Königswusterhausen

Dessau

Bernburg

Aschersleben

Köthen

Zerbst

Roßlau

Wittenberg

Gräfenhainichen

Bitterfeld

Sandersleben

Hettstedt

Eisleben

Sangerhausen

Artern

Querfurt

Merseburg

Halle

Bitterfeld

Delitzsch

Leipzig

Wurzen

Grimma

Oschatz

Torgau

Eilenburg

Liebenwerda

Mühlberg

Elsterwerda

Hoyerswerda

Kamenz

Bautzen

Görlitz

Lauban

Naumburg

Weissenfels

Zeitz

Altenburg

Gera

Greiz

Plauen

Reichenbach

Zwickau

Chemnitz

Freiberg

Dippoldiswalde

Dresden

Meissen

Riesa

Grossenhain

Pirna

Königstein

Schandau

Rumburg

Zittau

Seidenberg

Löbau

Kamenz

Bischofswerda

Sebnitz

Schluckenau

Tetschen

Aussig

Teplitz

Bilin

Brüx

Komotau

Saaz

Leitmeritz

Lobositz

Laun

Kaaden

Karlsbad

Eger

Asch

Falkenau

Elbogen

Joachimsthal

Weipert

Oederan

Frankenberg

Hainichen

Rochlitz

Penig

Lichtenstein

Glauchau

Crimmitschau

Werdau

Reichenbach

Auerbach

Markneukirchen

Adorf

Oelsnitz

Markneukirchen

Schleiz

Ziegenrück

Saalfeld

Rudolstadt

Arnstadt

Ilmenau

Suhl

Meiningen

Hildburghausen

Sonneberg

Coburg

Kronach

Lichtenfels

Bamberg

Forchheim

Erlangen

Fürth

Nürnberg

Schwabach

Roth

Hersbruck

Neumarkt

Amberg

Sulzbach

Weiden

Tirschenreuth

Waldsassen

Mies

Pilsen

Klattau

Taus

Furth

Cham

Regen

Deggendorf

Passau

Landau

Dingolfing

Landshut

Moosburg

Freising

Munich

Wolfratshausen

Tölz

Bad Tölz

Mittenwald

Garmisch

Partenkirchen

Oberammergau

Füssen

Kempten

Memmingen

Ulm

Heidenheim

Aalen

Ellwangen

Crailsheim

Gerabronn

Mergentheim

Tauberbischofsheim

Wertheim

Miltenberg

Aschaffenburg

Hanau

Frankfurt

Offenbach

Darmstadt

Heppenheim

Mannheim

Ludwigshafen

Speyer

Landau

Germersheim

Karlsruhe

Rastatt

Baden

Offenburg

Kehl

Strasbourg

Wissembourg

Weissenburg

Bitsch

Saarbrücken

Saarlouis

Trier

Wittlich

Bernkastel

Zell

Cochem

Coblenz

Ehrenbreitstein

Neuwied

Bonn

Cologne

Aachen

Düren

Jülich

Erkelenz

Rheydt

Mönchengladbach

Krefeld

Neuss

Düsseldorf

Duisburg

Essen

Mülheim

Oberhausen

Gelsenkirchen

Bochum

Dortmund

Hagen

Iserlohn

Lüdenscheid

Altena

Siegen

Olpe

Meschede

Arnsberg

Soest

Lippstadt

Warburg

Höxter

Corvey

Holzminden

Uslar

Northeim

Einbeck

Alfeld

Hildesheim

Peine

Brunswick

Wolfenbüttel

Helmstedt

Schöningen

Königslutter

Wolmirstedt

Osterburg

Seehausen

Stendal

Tangermünde

Havelberg

Perleberg

Pritzwalk

Wittstock

Neuruppin

Gransee

Zehdenick

Templin

Prenzlau

Angermünde

Schwedt

Stettin

Pyritz

Stargard

Gollnow

Naugard

Regenwalde

Pyritz

Labes

Dramburg

Falkenburg

Neustettin

Bärwalde

Rummelsburg

Lauenburg

Bütow

Stolp

Schlawe

Rügenwaldermünde

Rügenwalde

Köslin

Kolberg

Treptow

Belgard

Schivelbein

Flatow

Deutsch Krone

Kallies

Arnswalde

Friedeberg

Landsberg

Soldin

Küstrin

Zielenzig

Meseritz

Bomst

Schwiebus

Züllichau

Crossen

Sorau

Guben

Cottbus

Forst

Luckau

Kalau

Calau

Ruhland

Senftenberg

Hoyerswerda

Kamenz

Bautzen

Görlitz

Lauban

Sagan

Glogau

Grünberg

Freystadt

Neusalz

Kottbus

Sommerfeld

Crossen

Fraustadt

Lissa

Rawitsch

Gostyn

Kosten

Schrimm

Samter

Obornik

Wongrowitz

Znin

Gnesen

Inowrazlaw

Bromberg

Schneidemühl

Deutsch Krone

Flatow

Zempelburg

Tempelburg

Dramburg

Falkenburg

Labes

Naugard

Regenwalde

Pyritz

Stargard

Gollnow

Stettin

Swinemünde

Usedom

Wollin

Kolberg

Treptow

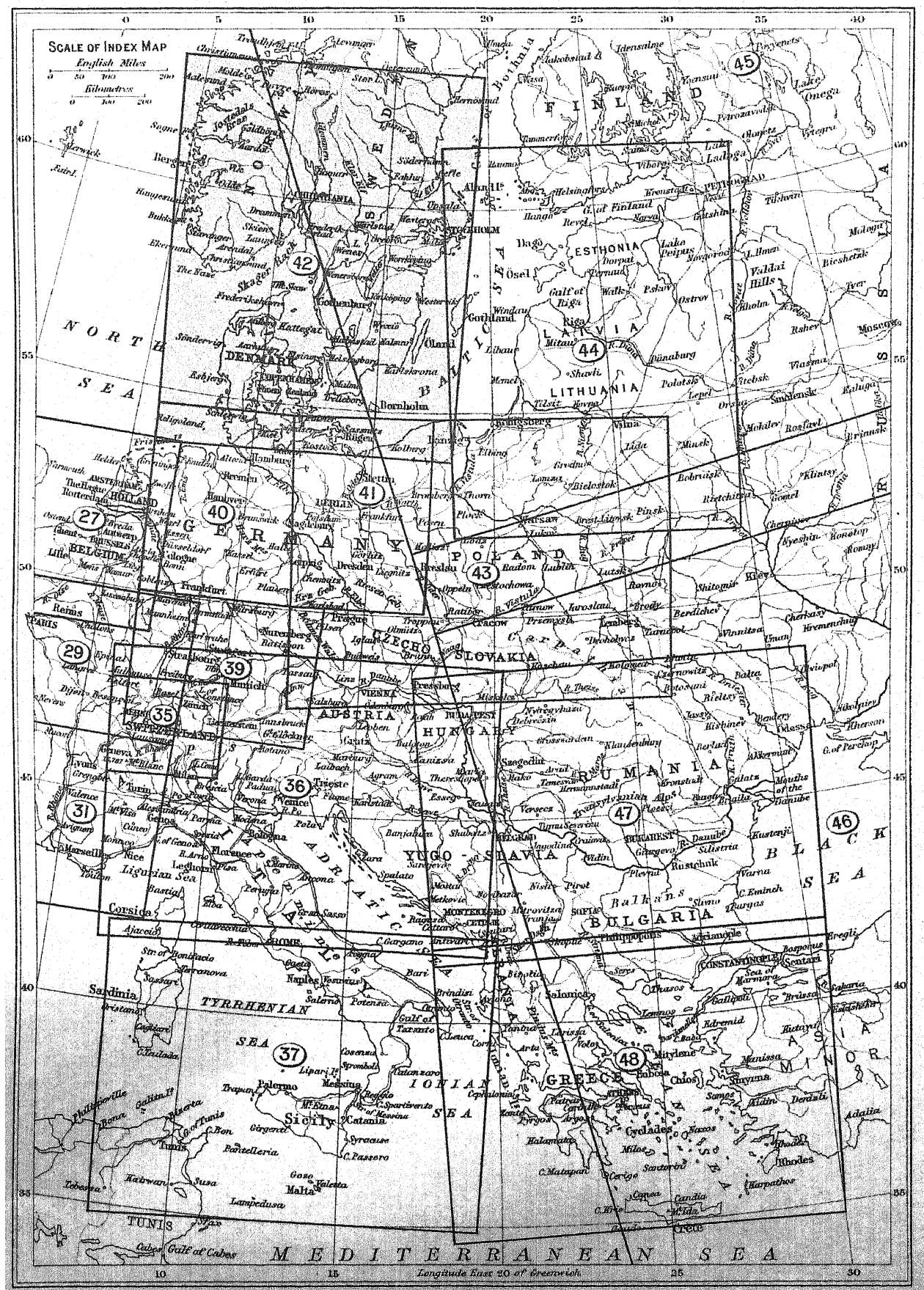
Belgard

Schivelbein

Flatow

SOUTHERN SCANDINAVIA & DENMARK

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

SOUTHERN SCANDINAVIA & DENMARK

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
2000	6562
1500	4921
1000	3281
500	1640
300	984
100	328
Sea Level	
183	100 Fathoms

The Heights engraved on the Map are in English Feet.

Scale 1 : 2.000.000

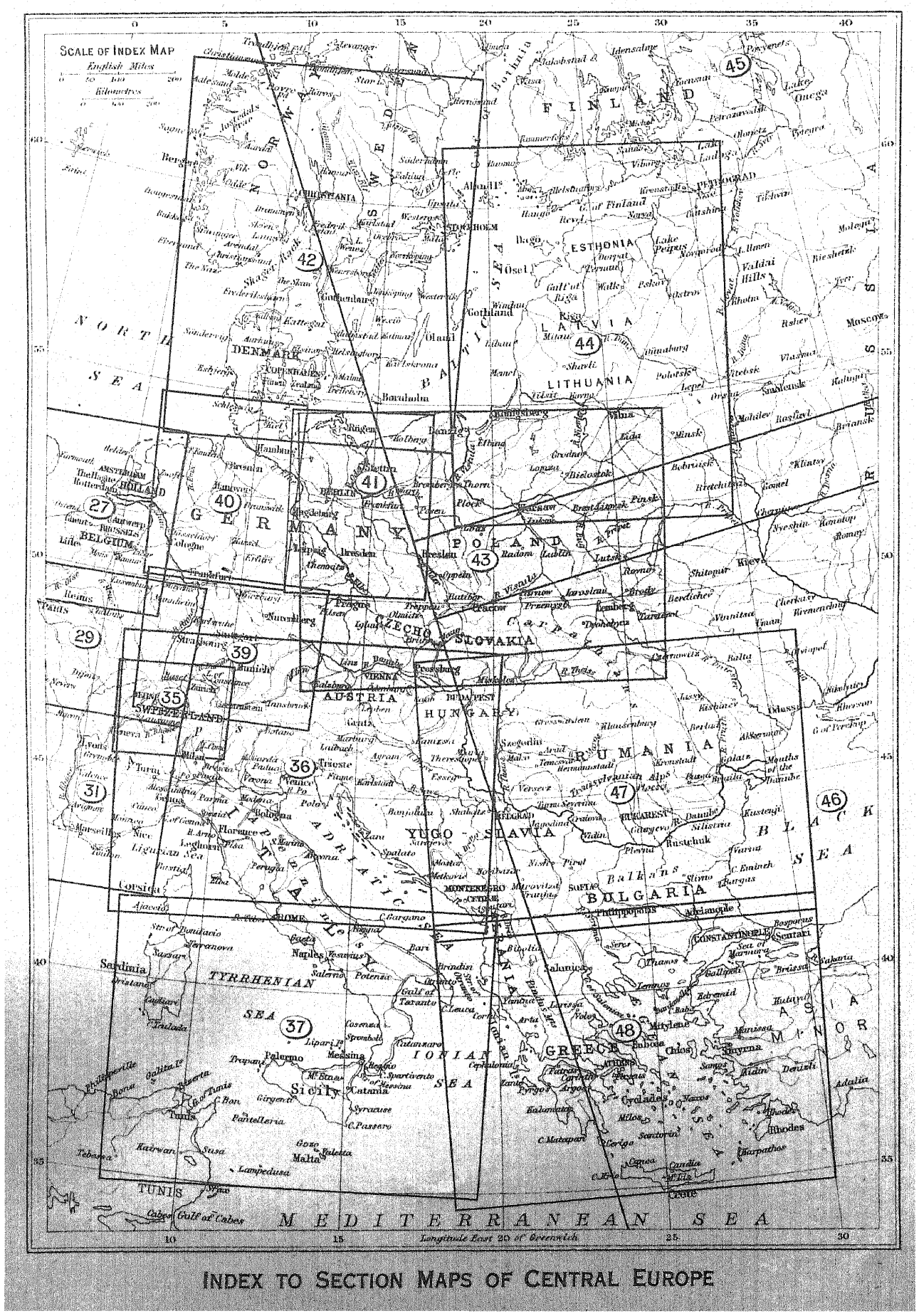
English Miles 0 10 20 30 40 50 60

Kilometres 0 10 20 30 40 50 60 70 80 90 100

The Fylker in Norway, the Län in Sweden and the Amter in Denmark are outlined in red, and the Chief Town in each is underlined

POLAND & CZECHO-SLOVAKIA

The Shaded Area on Index Map shows the extent of this Plate



RUSSIA
PRUSSIA
POLAND
GERMANY
BALTIC SEA
Gulf of Danzig
WARSZAWA
WARSAW
BERLIN
DRESDEN
PRAHA
PRUSSIA
SAXONY
BAVARIA
BOHEMIA
Scale 1: 2000000
English Miles
Kilometres
EXPLANATION OF OROGRAPHICAL COLOURING
METRES
FEET
The Heights engraved on the Map are in English feet

POLAND & CZECHO-SLOVAKIA

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
2500	8202
2000	6562
1500	4921
1000	3281
500	1640
300	984
100	328
	Sea Level

The Heights engraved on the Map are in English Feet.

Scale 1 : 2,000,000

English Miles 0 10 20 30 40 50 60

Kilometres 0 10 20 30 40 50 60 70 80 90 100

BALTIC SEA

Gulf of Danzig

GERMANY

PRUSSIA

POLAND

RUSSIA

HUNGARY

RUMANIA

BOHEMIA

MORAVIA

SILESIA

GALICIA

VOLHYNIA

PODOLIA

BUKOWINA

CARPATHIAN MTS.

RUTHENIA

PROV. OF SAXONY

BAVARIA

ANHALT

MECKLENBURG

POMERANIA

WEST PRUSSIA

EAST PRUSSIA

POSEN

LITHUANIA

GRODNO

MINSK

PINSK

BRZEST-LITEWSK (BREST-LITOVSK)

WARSZAWA (WARSAW)

PLOCK

LOMZA

SUWALKI

BIALYSTOK

SIEDLCE

KIELCE

RADOM

LUBLIN

KALISZ

PIOTRKOW

LODZ

SIERADZ

CZENSTOCHAU

KATOWICE

KRAKAU

TARNOPOL

STANISLAU

DROHOBYCZ

BRODY

LEMBERG

PRZEMYSL

JAROSLAU

TARNOW

RZESZOW

SANDOMIR

KIELCE

BERLIN

DRESDEN

BRESLAU

VIENNA

PRAGUE

BUDAPEST

Danzig

Elbing

Thorn

Bromberg

Posen

Kalisz

Lodz

Pabianice

Tomaszow

Piotrkow

Radom

Ostrowiec

Sandomir

Kielce

Czenstochau

Radomsk

Rawa

Sieradz

Kutno

Plock

Lomza

Ostrow

Pultusk

Mlawa

Soldau

Neidenburg

Ortelsburg

Lyck

Johannisburg

Sensburg

Angerburg

Goldap

Suwalki

Augustow

Grodno

Lida

Nowogrodek

Baranowicze

Slonim

Pinsk

Kobryn

Brest-Litewsk

Siedlce

Biala

Miedzyrzec

Wlodawa

Chelm

Zamosc

Hrubieszow

Lublin

Deblin

Pulawy

Ivangorod

Warka

Grojec

Gora

Kalisch

Ostrowo

Gnesen

Inowrazlaw

Strasburg

Graudenz

Marienwerder

Stuhm

Marienburg

Dirschau

Neustettin

Schlawe

Stolp

Lauenburg

Rugen

Stralsund

Greifswald

Anklam

Pasewalk

Prenzlau

Angermunde

Eberswalde

Potsdam

Spandau

Berlin

Frankfurt

Guben

Cottbus

Sorau

Sagan

Glogau

Lissa

Rawicz

Fraustadt

Bunzlau

Liegnitz

Goldberg

Hirschberg

Schweidnitz

Breslau

Trebnitz

Oels

Militsch

Kempen

Ostrowo

Gostyn

Krotoschin

Ostrowo

Jarotschin

Schildberg

Pleschen

Rawitsch

Lissa

Wreschen

Schroda

Mogilno

Znin

Hohensalza

Strelno

Gnesen

Wongrowitz

Schubin

Exin

Bromberg

Nakel

Flatow

Deutsch Krone

Arnswalde

Friedeberg

Landsberg

Soldin

Pyritz

Stettin

Ueckermunde

Swinemunde

Usedom

Wollin

Cammin

Greifenberg

Pyritz

Saatzig

Naugard

Regenwalde

Labes

Rummelsburg

Lauenburg

Bublitz

Schlawe

Stolp

Leba

Rugenwalde

Neustettin

Dramburg

Schivelbein

Belgard

Koslin

Kolberg

Rugen

Stralsund

Greifswald

Anklam

Pasewalk

Prenzlau

Angermunde

Eberswalde

Potsdam

Spandau

Berlin

Frankfurt

Guben

Cottbus

Sorau

Sagan

Glogau

Lissa

Rawicz

Fraustadt

Bunzlau

Liegnitz

Goldberg

Hirschberg

Schweidnitz

Breslau

Trebnitz

Oels

Militsch

Kempen

Ostrowo

Gostyn

Krotoschin

Ostrowo

Jarotschin

Schildberg

Pleschen

Rawitsch

Lissa

Wreschen

Schroda

Mogilno

Znin

Hohensalza

Strelno

Gnesen

Wongrowitz

Schubin

Exin

Bromberg

Nakel

Flatow

Deutsch Krone

Arnswalde

Friedeberg

Landsberg

Soldin

Pyritz

Stettin

Ueckermunde

Swinemunde

Usedom

Wollin

Cammin

Greifenberg

Pyritz

Saatzig

Naugard

Regenwalde

Labes

Rummelsburg

Lauenburg

Bublitz

Schlawe

Stolp

Leba

Rugenwalde

Neustettin

Dramburg

Schivelbein

Belgard

Koslin

Kolberg

Memel to Swinemunde 201 m.

Memel to Danzig 200 m.

Memel to Konigsberg 125 m.

Konigsberg to Danzig 265, Konigsberg 291 m.

Danzig to Riga 375, Pernau 325 m.

Libau 195 m.

Memel 189 m.

Bristow Cpt. to Gt. Rakeby 2 m.

Cpt. Cod to Gt. Rakeby 2 m.

Swinemunde to Danzig 200 m.

Swinemunde to Memel 201 m.

Danzig to Memel 200 m.

Danzig to Konigsberg 265 m.

Konigsberg to Memel 125 m.

Libau 195 m.

Memel 189 m.

Pernau 325 m.

Riga 375 m.

Danzig to Riga 375, Pernau 325 m.

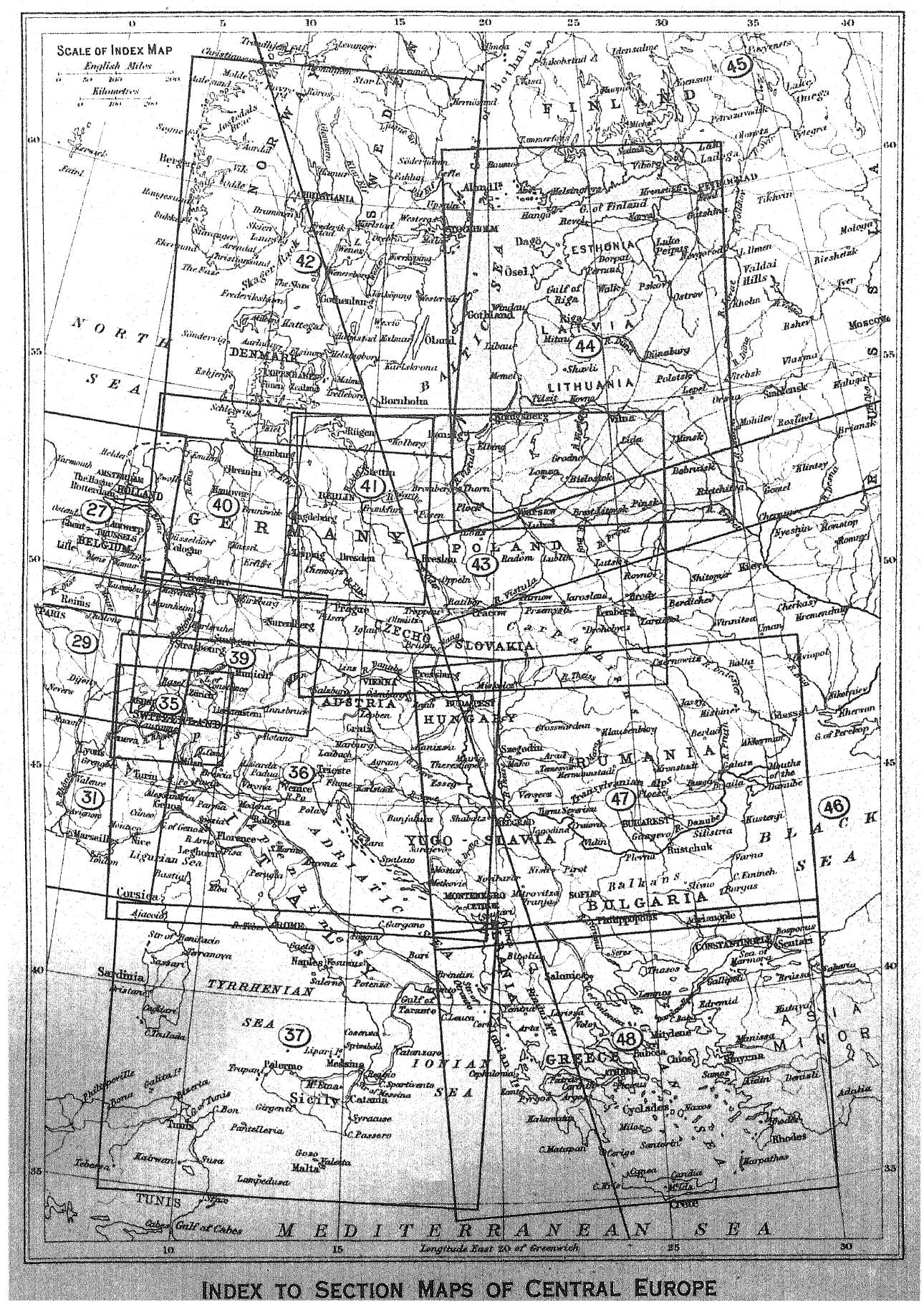
Konigsberg to Danzig 265, Konigsberg 291 m.

Bristow Cpt. to Gt. Rakeby 2 m.

Cpt. Cod to Gt. Rakeby 2 m.

BALTIC STATES & EAST PRUSSIA

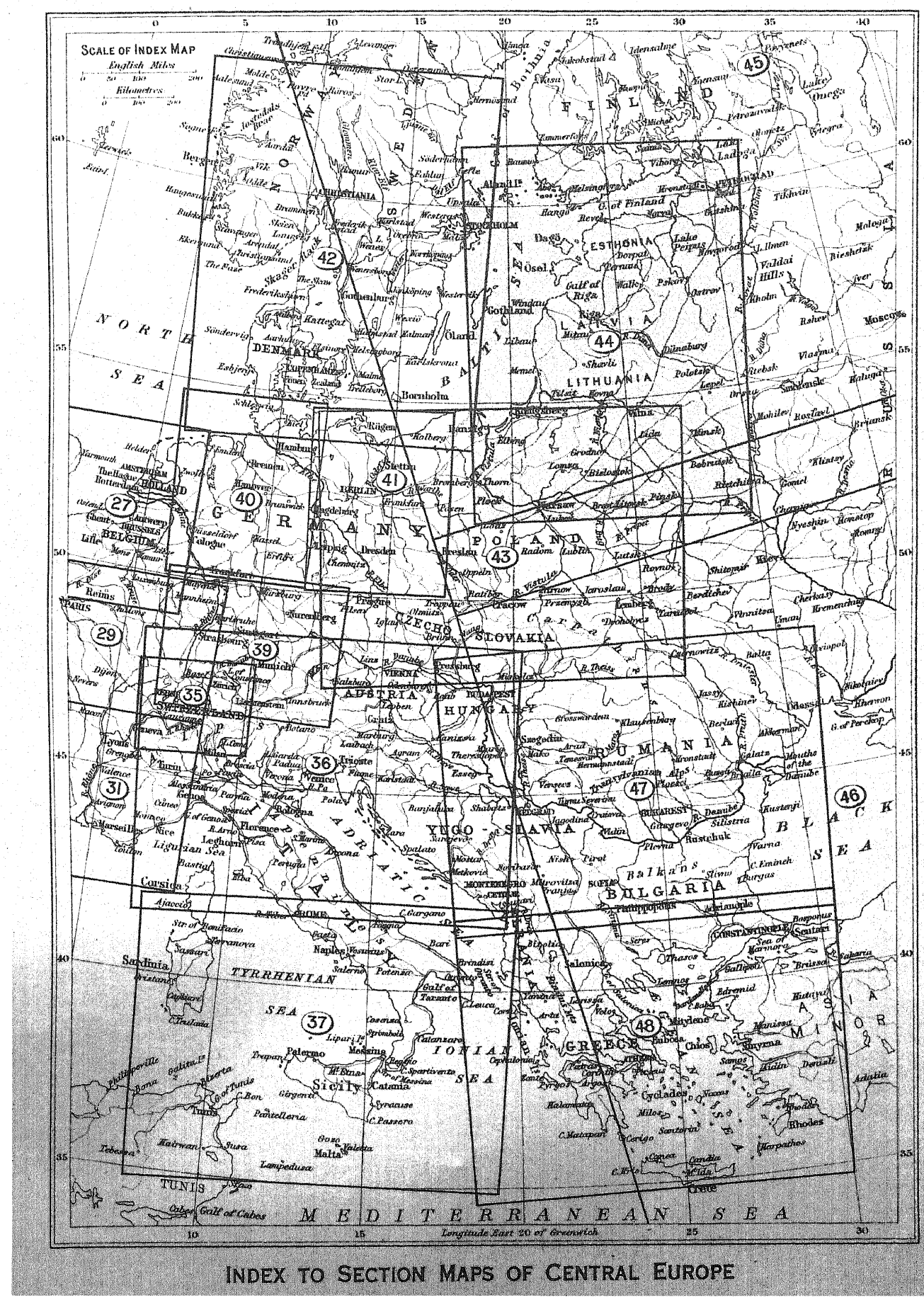
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

BALTIC STATES & EAST PRUSSIA

The Shaded Area on Index Map shows the extent of this Plate



BALTIC STATES & EAST PRUSSIA

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
300	984
100	328
Sea Level	
183	100 Fathoms

The Heights engraved on the Map are in English Feet.

Scale 1 : 2,000,000

English Miles 0 10 20 30 40 50 60

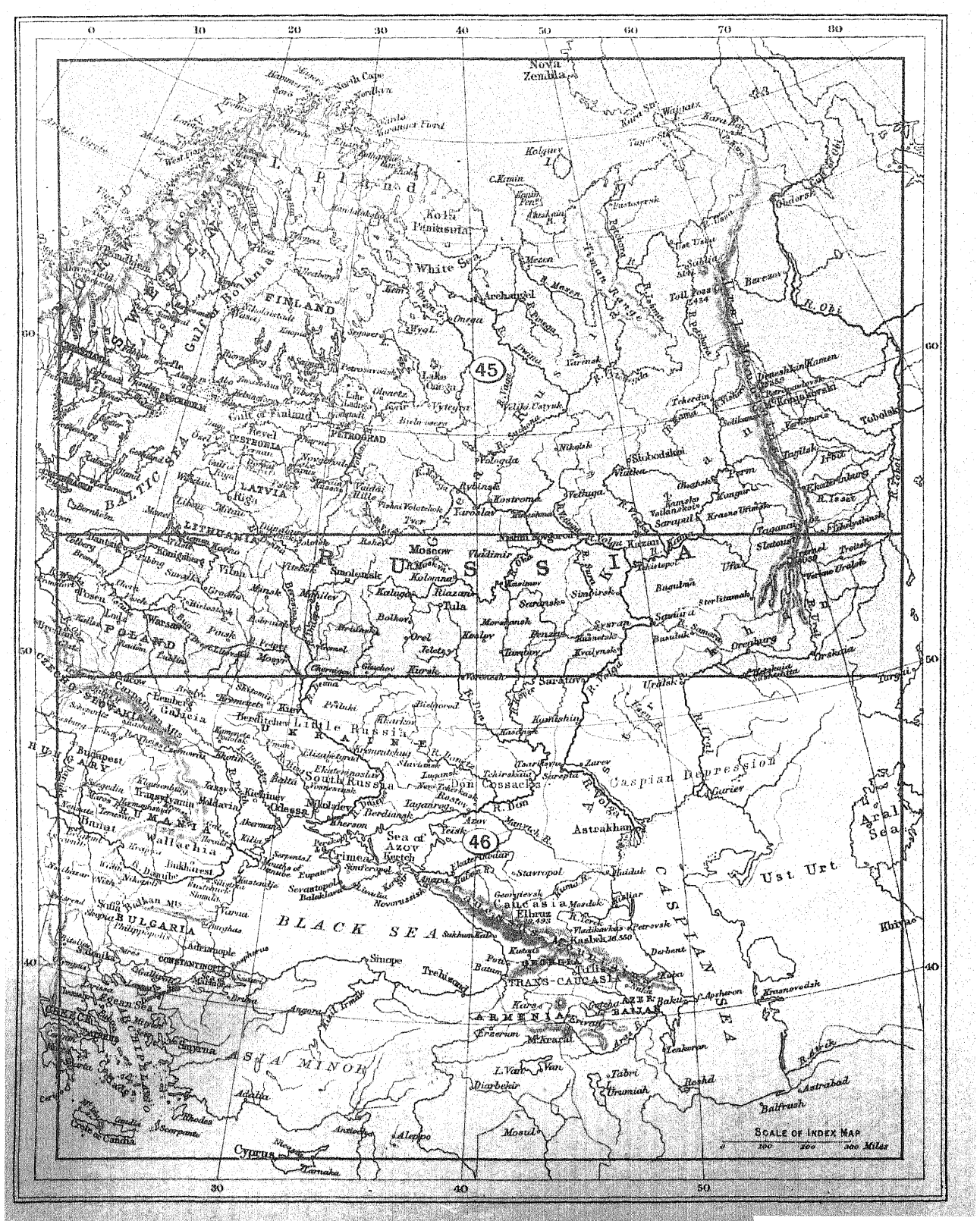
Kilometres 0 10 20 30 40 50 60 70 80 90 100

Longitude East of Greenwich

JOHN BARTHOLOMEW & SON, LTD.

NORTHERN RUSSIA & FINLAND

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF RUSSIA

ON SCALE OF 1: 6,000,000

NORTHERN RUSSIA & FINLAND

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
1500	4921
500	1640
200	656
Sea Level	
183	100 Fathoms

The heights engraved on the Map are in English Feet.

Scale 1:6,000,000

English Miles 0 50 100 150 200

Kilometres 0 50 100 150 200 250 300

ARCTIC OCEAN

KARA SEA

NOVAYA ZEMLYA

Yalmal Peninsula

Gulf of Ob

Gulf of Taz

Kara Strait

Vaygach I.

Kolguev I.

Pechora Bay

Great Land Tundra

Bolshezemelskaya Tundra

Kanin Penin

Cheshkaya Bay

Mezen B.

WHITE SEA

Gulf of Onega

Gulf of Archangel

LAKE ONEGA

LAKE LADOGA

GULF OF FINLAND

GULF OF BOTHNIA

BALTIC SEA

LAPLAND

KOLA PENINSULA

FINLAND

SWEDEN

NORWAY

ESTHONIA

LIVONIA

COURLAND

LITHUANIA

PRUSSIA

GERMANY

SILESIA

GOTLAND

LOFOTEN Is

VESTER AALEN

PETROGRAD

MOSKVA (MOSCOW)

YAROSLAVL

NIZHNIY-NOVGOROD

ARKHANGELSK

VOLOGDA

NOVGOROD

KOSTROMA

VYATKA

PERM

SIMBIRSK

SARATOV

TAMBOV

ORENBURG

KAZAN

TOBOLSK

URALSK

TURGAI

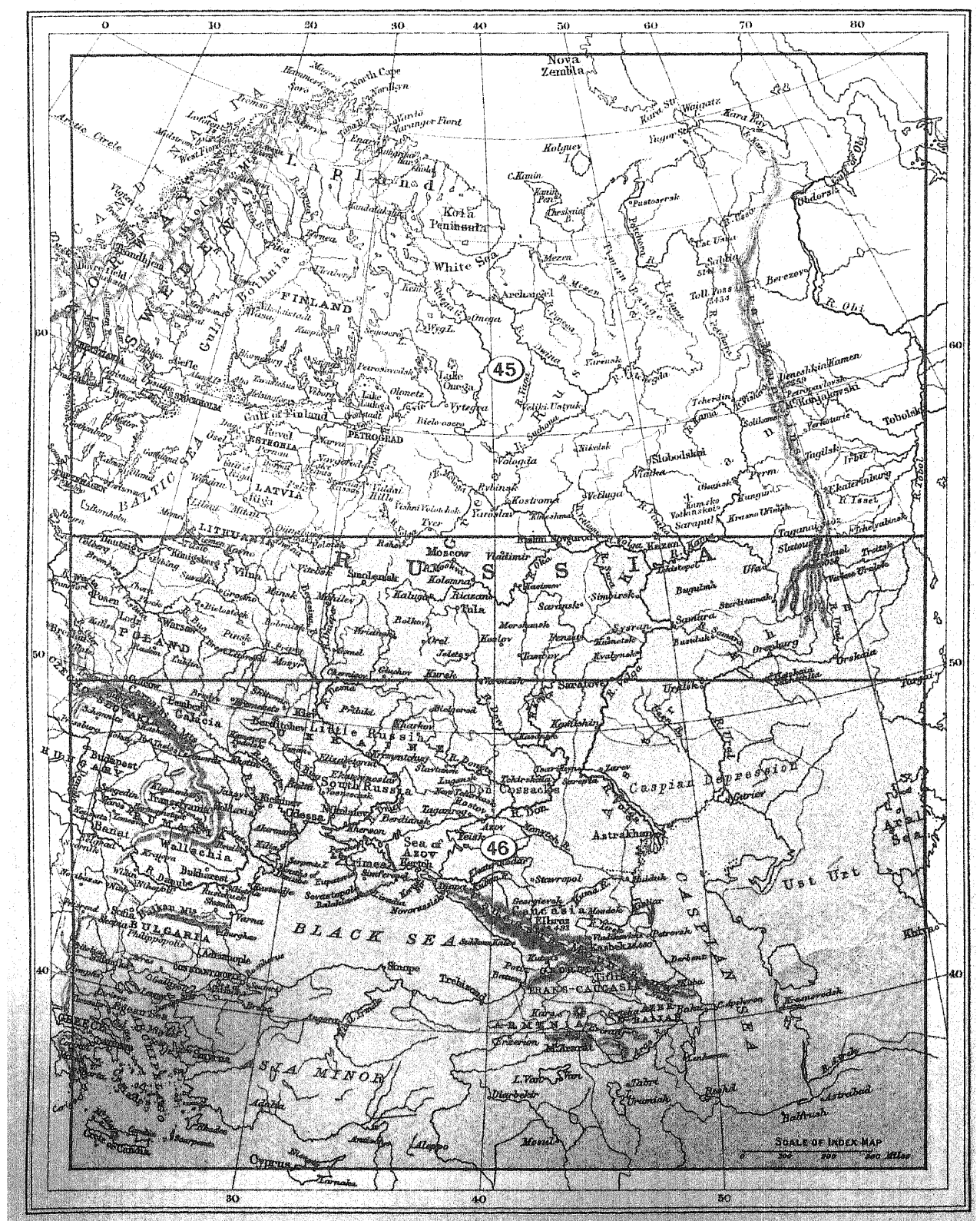
UKRAINE

Arctic Circle

Longitude East 40 of Greenwich

SOUTHERN RUSSIA

The Shaded Area on Index Map shows the extent of this Plate



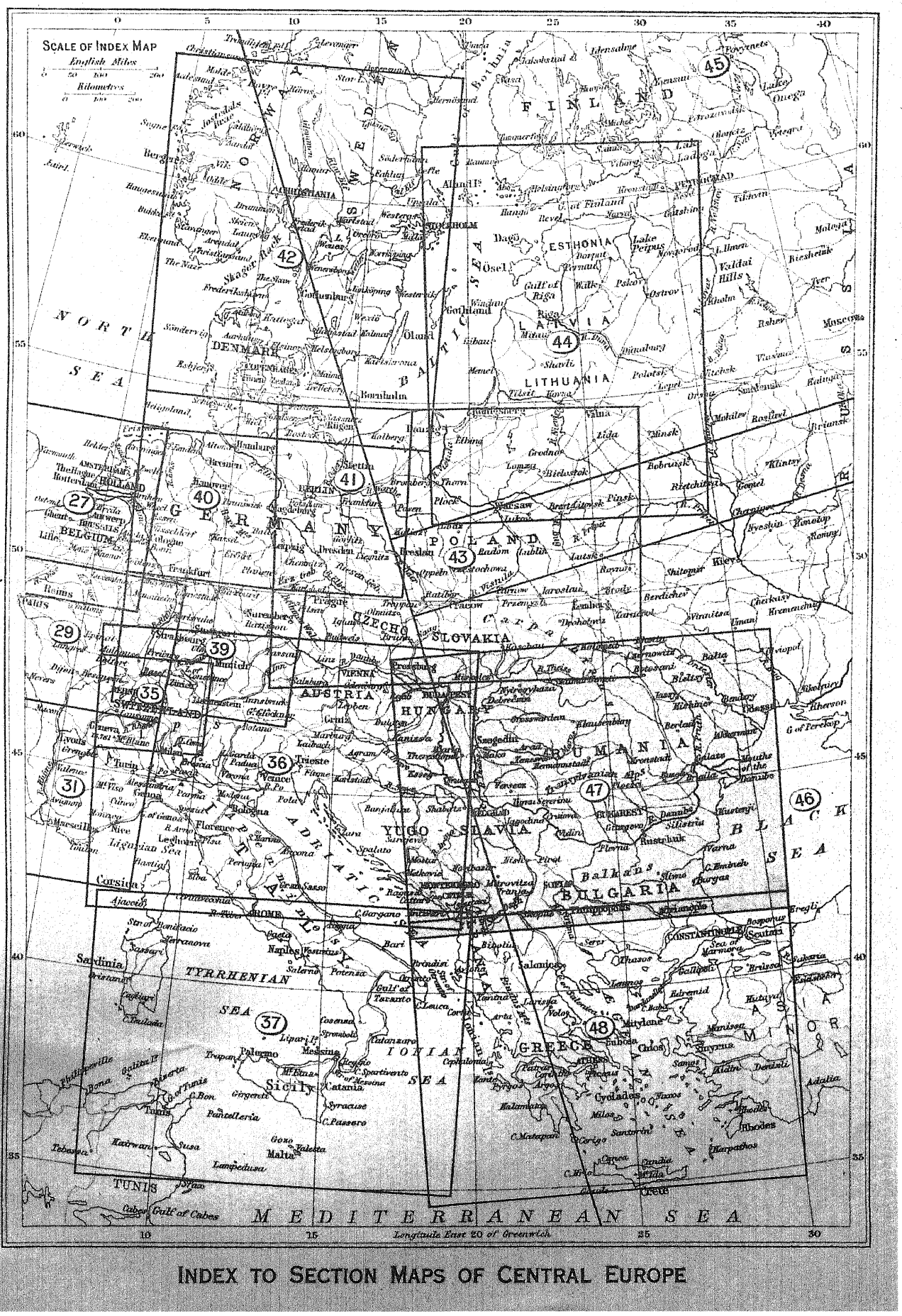
INDEX TO SECTION MAPS OF RUSSIA

ON SCALE OF 1 : 6,000,000

SOUTHERN RUSSIA

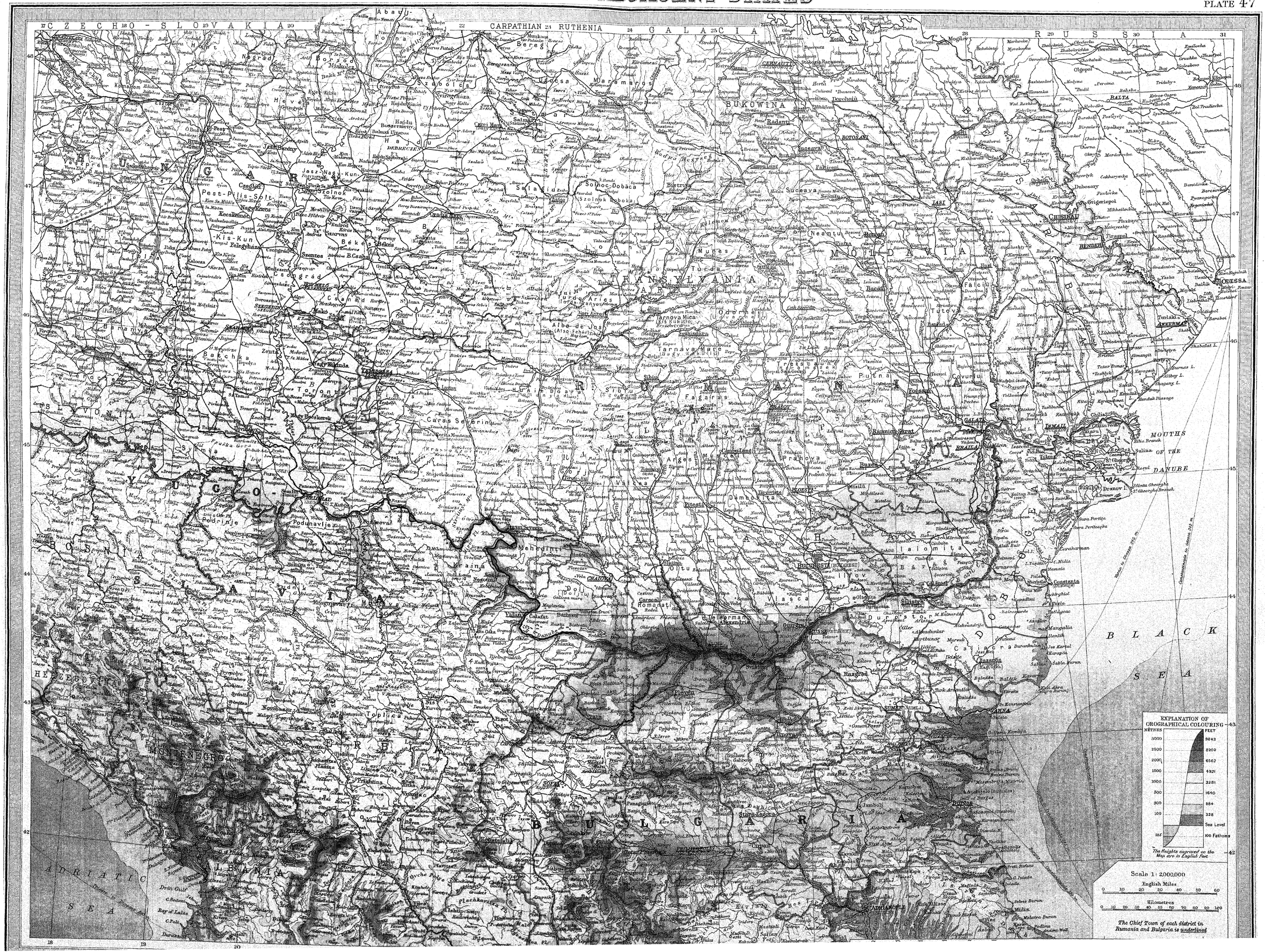
RUMANIA & ADJACENT STATES

The Shaded Area on Index Map shows the extent of this Plate



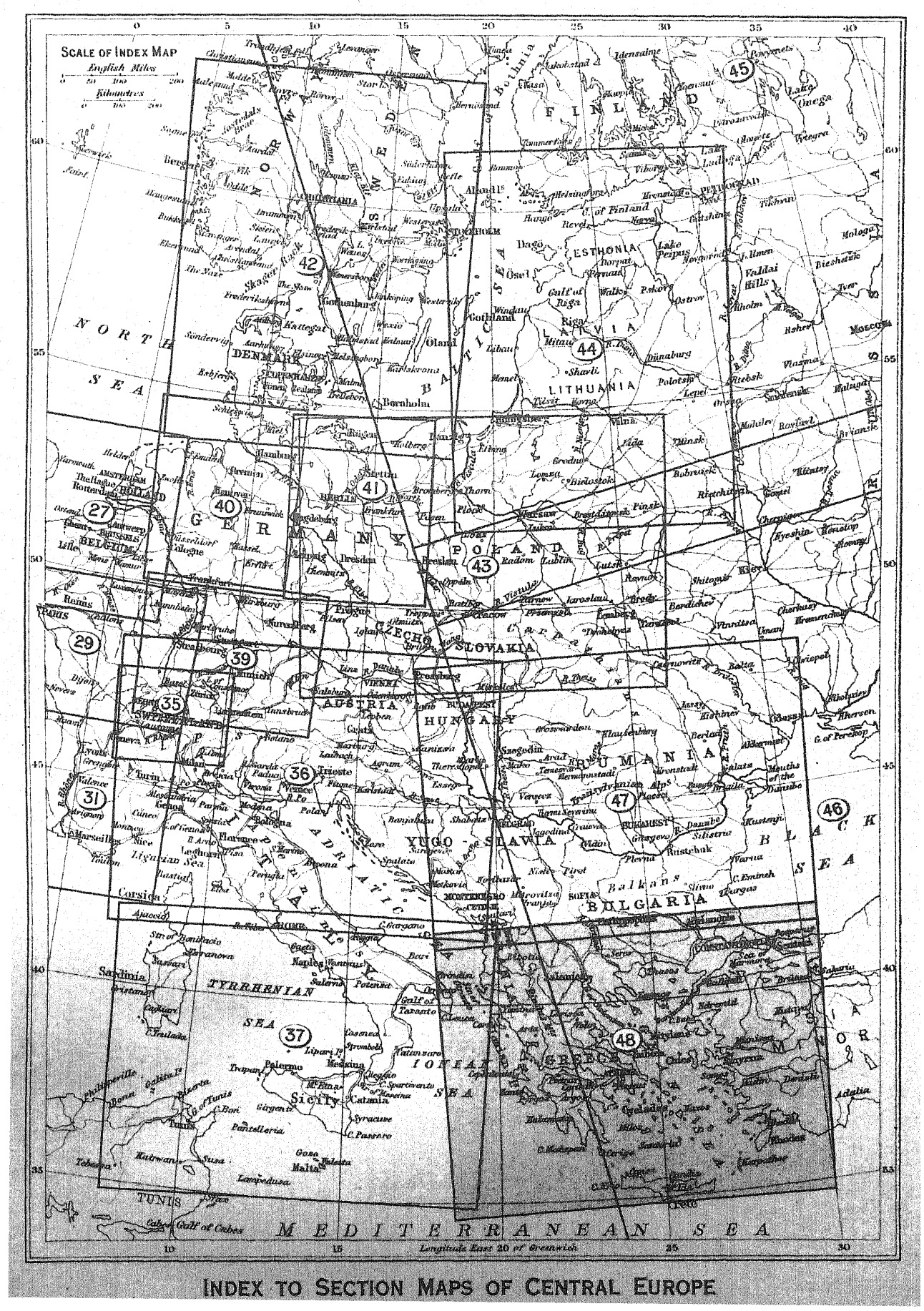
INDEX TO SECTION MAPS OF CENTRAL EUROPE

RUMANIA & ADJACENT STATES


CZECHO-SLOVAKIA
CARPATHIAN RUTHENIA
GALACIA
RUSSIA
HUNGARY
BUKOWINA
MOLDAVIA
BESSARABIA
TRANSYLVANIA
WALLACHIA
SERVIA
BULGARIA
ROUMELIA
BOSNIA
HERZEGOVINA
MONTENEGRO
SLAVONIA
CROATIA
ALBANIA
BLACK SEA
ADRIATIC SEA
DANUBE
MOUTHS OF THE DANUBE
Pest-Pilis Solt
Szolnok
Debreczen
Nagy-Kun.
Jasz Nagy-Kun.
Kis-Kun
Csongrad
Szentes
Bekes Csaba
Arad
Temesvar
Lugos
Karansebes
Orsova
Mehadia
Caransebes
Turn Severin
Podunavlje
Posavina
Slavonska Pozega
Essek
Peterwardein
Mitrovitza
Semlin
Belgrade
Pancsova
Becskerek
Zombor
Szabadka
Baja
Maros Vasarhely
Szekely Udvarhely
Csik
Haromszek
Kronstadt
Hermannstadt
Fogaras
Nagy Szeben
Hatszeg
Broos
Deva
Karlsburg
Albe de Jos
Albe de Sus
Torda
Kolosmonostor
Szamos Ujvar
Dees
Nagy Banya
Szatmar
Nagy Karoly
Maramaros
Szigeth
Ung
Munkacs
Bereg
Ungvar
Eperies
Kaschau
Torna
Gomor
Neograd
Hont
Pest
Borsod
Heves
Jazygia
Haidu Boszormeny
Debreczen
Szabolcs
Szathmar
Bihar
Grosswardein
Belenyes
Kreutz
Agram
Warasdin
Kreutz
Koprivnica
Varasdin
Cakovec
Zagreb
Sisseg
Petrinja
Karlstadt
Ogulin
Fiume
Buccari
Segna
Modrus
Carlopago
Zengg
Novi
Bihac
Dubica
Kostajnica
Glina
Petrinja
Sisseg
Jaska
Kostainica
Pakrac
Virovitica
Valpovo
Esseg
Vukovar
Mitrovitza
Ruma
Semlin
Belgrade
Obrenovatz
Schabatz
Loznitza
Krupanj
Jadar
Rudnik
Kragujevatz
Gruza
Jagodina
Ushitza
Pozega
Cacak
Kraina
Negotin
Krajova
Romanati
Vilcea
Valcea
Jalomitza
Buzeu
Prahova
Dambovitza
Pitesti
Arges
Muscel
Bucharest (Bukarest)
Ilfov
Vlasca
Teleorman
Alexandria
Romanati
Olt
Dolj
Gorj
Mehedinti
Turnu Severin
Caransebes
Orsova
Mehadia

GREECE AND THE ÆGEAN

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CENTRAL EUROPE

GREECE AND THE ÆGEAN

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
4000	13124
3000	9843
2500	8202
2000	6562
1500	4921
1000	3281
500	1640
300	984
100	328
	Sea Level
183	100 Fathoms

The Heights engraved on the Map are in English feet

Scale 1: 2000000

English Miles 0 10 20 30 40 50 60

Kilometres 0 10 20 30 40 50 60 70 80 90 100

The Boundaries shown in red are in accordance with the Treaty of Sevres

Scale 1:300000 Miles / Kilometres

Elensis Bay — Saronic Gulf

Scale 1:300000 Miles / Kilometres

SEA OF MARMARA

ASIA

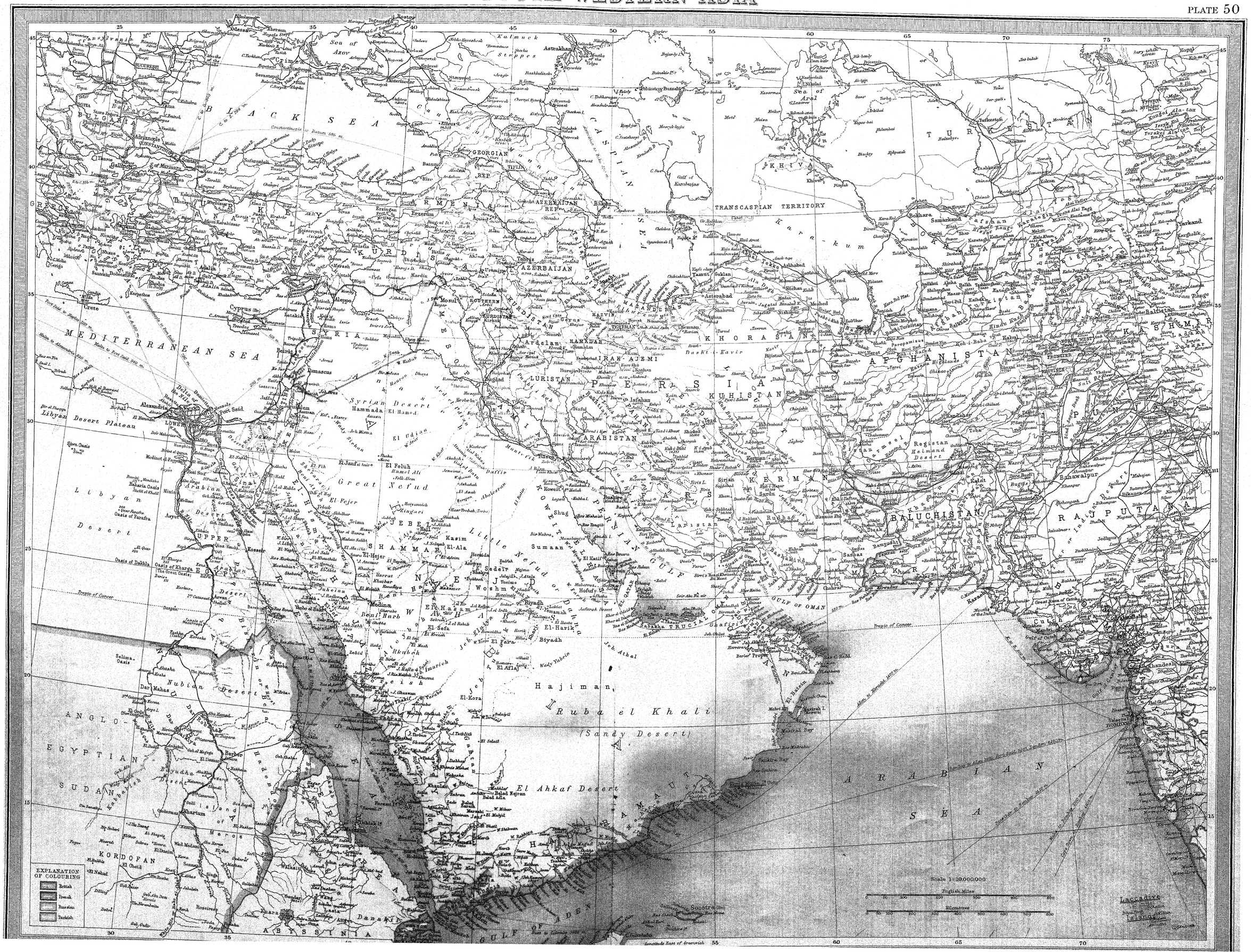
POLITICAL MAP

ASIA - POLITICAL

SOUTH-WESTERN ASIA

Political Map

SOUTH-WESTERN ASIA


BLACK SEA
Sea of Azov
CASPIAN SEA
Sea of Aral
MEDITERRANEAN SEA
PERSIAN GULF
GULF OF OMAN
GULF OF ADEN
ARABIAN SEA
RED SEA
Kara-kum
Kara-kum Desert
Great Nefud
Little Nefud or Dahna
Ruba el Khali
(Sandy Desert)
El Ahkaf Desert
Libyan Desert Plateau
Nubian Desert
Arabian Desert
Syrian Desert
Hammada El Hamed
Badiet el Tih
Great Sandy Desert
Bayuda Desert
Desert of Tih
Oasis of Farafra
Oasis of Dakhla
Oasis of Kharga (the Great Oasis)
Oasis of Siwa
Salima Oasis
Baharia Oasis
Kara Oasis
Jebel Uweinat
Hajimana
Jeb Athal
Jeb Tuwaiq
Jeb Aja
Jeb Shammar
Jeb Sinjar
Jeb Sanam
Jeb Abyad
Jeb Hamrin
Jeb Maqlub
Jeb Kurdagh
Jeb Bishri
Jeb Aswad
Jeb Abdul Aziz
Jeb Tauros
Jeb Akhdar
Jeb Hauran
Jeb Druse
Jeb Ansariyeh
Jeb Lebanon
Anti-Lebanon
Jeb Mukattam
Jeb Ataka
Jeb Maras
Jeb Sinai
Jeb Serbal
Jeb Musa
Jeb Katherin
Jeb Shaib el Banat
Jeb Hadid
Jeb Zeit
Jeb Nakus
Jeb Kara
Jeb Sufeit
Jeb Hamrin
Jeb Kebir

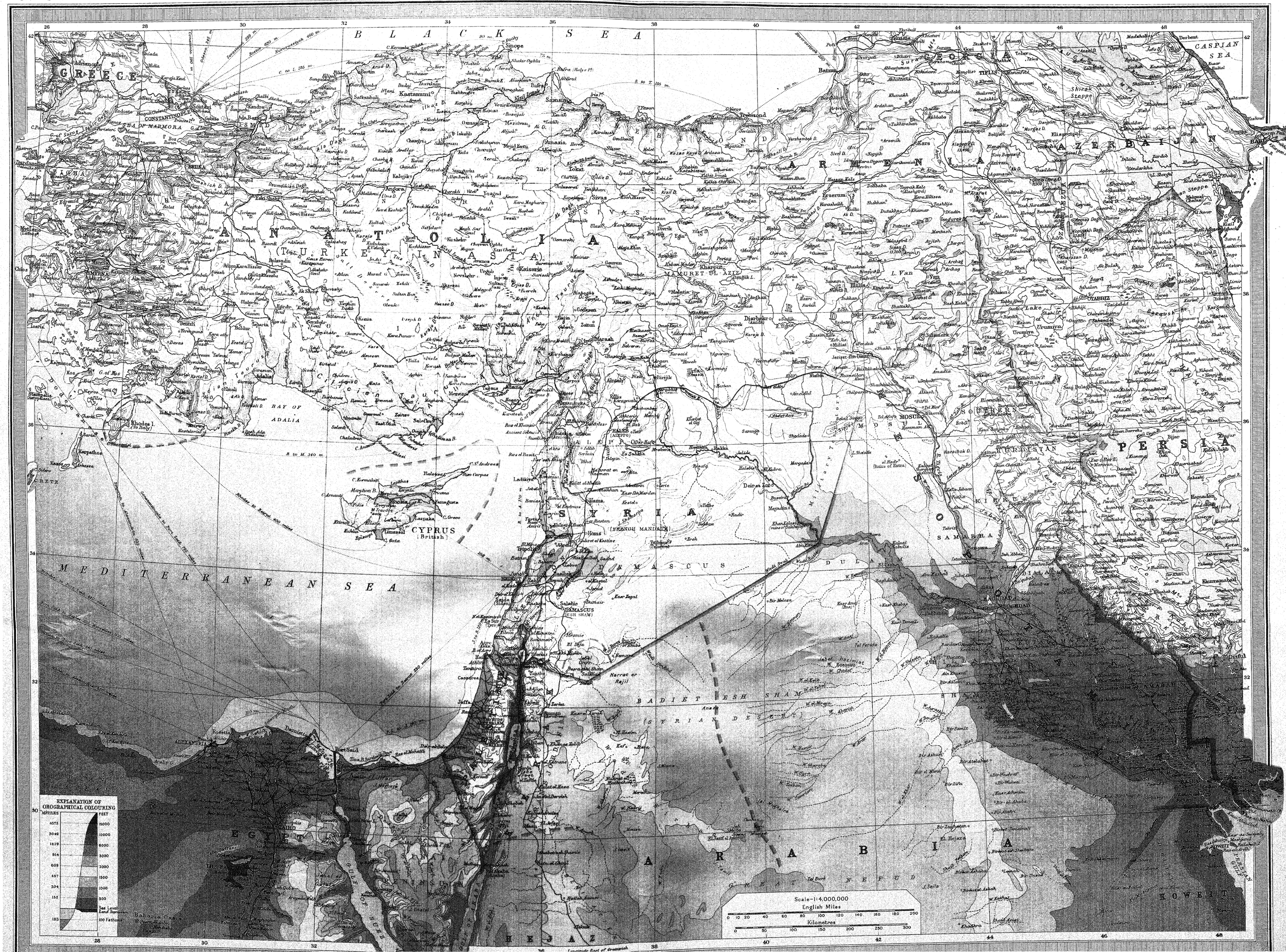
ASIA MINOR, SYRIA & MESOPOTAMIA

The Shaded Area on Index Map shows the extent of this Plate

INDEX TO SECTION MAPS OF THE NEAR EAST

ON SCALE OF 1: 4,000,000

ASIA MINOR, SYRIA & MESOPOTAMIA



PALESTINE

Plan of Jerusalem

PALESTINE

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
1829	6000
1524	5000
1219	4000
914	3000
609	2000
457	1500
304	1000
152	500
0	0
−152	−500
−304	−1000
−396	−1292

Level of Mediterranean Sea

Dead Sea

Scale 1:660000

English Miles

0 5 10 15 20 25 30

Roads ——— Railways ———

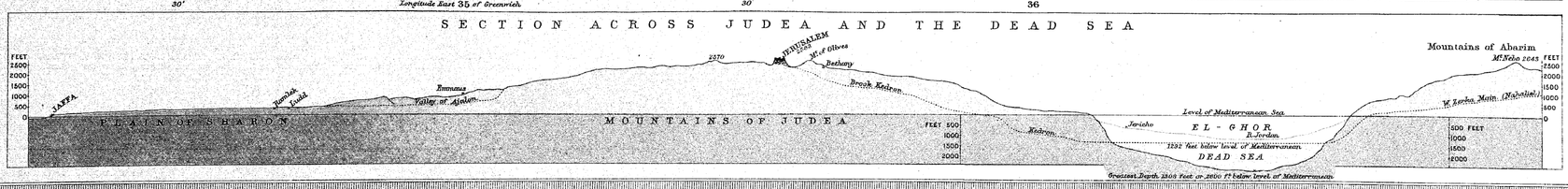
Bible and Ancient Names engraved in strong letters Modern Names in italics, thus Eh.el-Mieh. Cana of Galilee (Kefr-Kenna)

JERUSALEM

Scale of ½ Mile

The figures denote the height in Fet. above the Mediterranean Sea

SECTION ACROSS JUDEA AND THE DEAD SEA



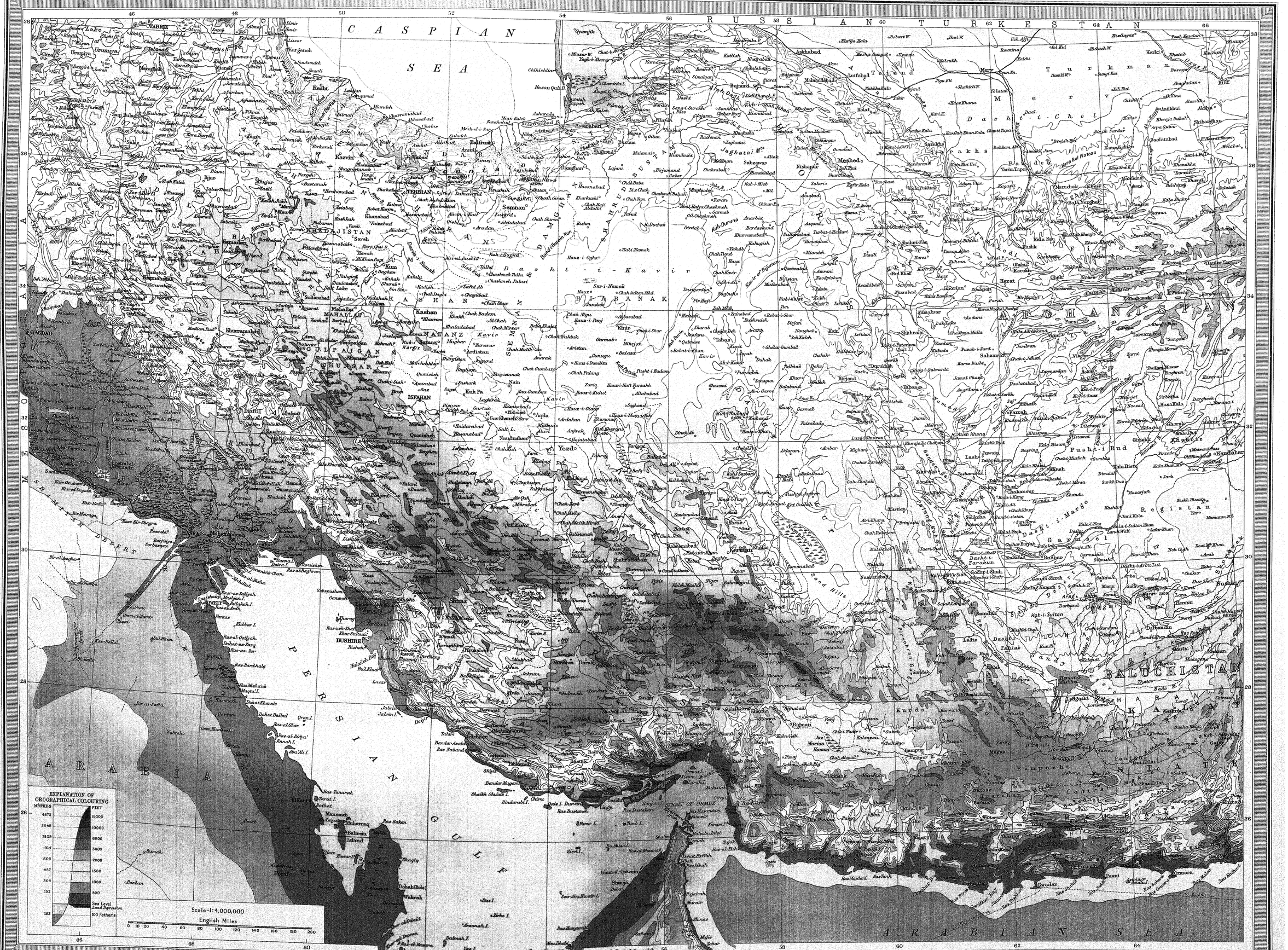
PERSIA

The Shaded Area on Index Map shows the extent of this Plate

INDEX TO SECTION MAPS OF THE NEAR EAST

ON SCALE OF 1: 4,000,000

PERSIA


CASPIAN SEA
PERSIAN GULF
PERSIAN GULF
ARABIA
ARABIAN SEA
MESOPOTAMIAN DESERT
Dasht-i-Kavir
Dasht-i-Lut
Dasht-i-Margo
Dasht-i-Chol
Registan
Pusht-i-Rud
Gandmel
Hamun-i-Mashkel
Hamun-i-Helmand
Sand Hills
Kuh-i-Sultan
Kuh-i-Taftan
Kuh-i-Bazman
Kuh-i-Hazar
Kuh-i-Binalud
Kuh-i-Shah-Jehan
Kuh-i-Durunga
Kuh-i-Gugird
Kuh-i-Mish
Kuh-i-Kargiz
Kuh-i-Sefid
Kuh-i-Sahand
Kuh-i-Sabalan
Kuh-i-Kaf
Kuh-i-Hajiabad
Kuh-i-Dinar
Kuh-i-Jupar
Kuh-i-Lalezar
Kuh-i-Jebal Barez
Kuh-i-Hezar
Kuh-i-Taftan
Kuh-i-Bazman

INDIAN OCEAN

ON MERCATOR'S PROJECTION

INDIAN OCEAN

EXPLANATORY NOTE

Principal Railways

Submarine Cables

Ocean Steamer Routes ..... 452 m.
With distances in Nautical Miles

Deep sea soundings in fathoms 1024
Where bottom has not been reached 4000

Rocks and Shoals

Heights of islands in brackets (620 Feet)

BATHYMETRICAL COLOURING

METRES	Sea Level	FATHOMS
183		100
1829		1000
3658		2000
5487		3000
7317		4000

PERSIA
AFGHANISTAN
TIBET
CHINA
INDIA
BURMA
SIAM
ARABIAN SEA
BAY OF BENGAL
MALABAR COAST
Equator
ANGLO-EGYPTIAN SUDAN
ABYSSINIA
BRITISH SOMALILAND
ITALIAN SOMALILAND
BRITISH EAST AFRICA
EAST AFRICA PROT.
BELGIAN CONGO
ANGOLA
MADAGASCAR
CEYLON
Maldive Islands (Br)
Chagos Archipelago
Diego Garcia
Seychelles
Amirante Isles
Comoro Is.
Rodriguez (Fr)
REUNION OR BOURBON (Fr)
MAURITIUS (Br)
Tropic of Capricorn
CAPE OF GOOD HOPE
CAPE COLONY
NATAL
TRANSVAAL
ORANGE RIVER COLONY
BECHUANALAND PROTECTORATE
SOUTH WEST AFRICA
NORTHERN RHODESIA
SOUTHERN RHODESIA
NYASSALAND
UGANDA PROT.
ANGLO-EGYPTIAN SUDAN
WADAI
DAR FUR
KORDOFAN
SENNAR
CHAD TERRITORIES
UBANGI-SHARI
PHILIPPINE Islands (United States)
LUZON
MINDANAO
BORNEO
CELEBES
JAVA
SUMATRA
NEW GUINEA
WESTERN AUSTRALIA
Great Sandy Desert
Great Victoria Desert
GREAT AUSTRALIAN BIGHT
Drift of the S.E. Trade
RETROGRADE CURRENT
Dahna or Great Sandy Desert
Hadramaut
Rub' al Khali
Nubian Desert
Libyan Desert
Arabian Desert
Indian Desert
Gulf of Aden
Gulf of Oman
Gulf of Siam
Gulf of Martaban
Andaman Islands
Nicobar Islands
Laccadive Islands
Mekran Coast
Persian Gulf
Red Sea
Mediterranean Sea
Suez Canal
Cairo
Aden
Bombay
Madras
Calcutta
Colombo
Singapore
Hongkong
Shanghai
Kabul
Lhasa
Delhi
Simla
Karachi
Quetta
Kandahar
Meshed
Tehran
Baghdad
Damascus
Jerusalem
Beirut
Mecca
Medina
Muscat
Aden
Zanzibar
Mombasa
Durban
Cape Town
Port Elizabeth
Perth
Adelaide
Melbourne
Sydney
Brisbane
Auckland
Wellington
Christchurch
Hobart
Batavia
Surabaya
Manila
Saigon
Bangkok
Rangoon
Mandalay
Calcutta
Madras
Colombo
Karachi
Bombay
Aden
Suez
Cairo
Beirut
Damascus
Baghdad
Tehran
Meshed
Kandahar
Kabul
Lhasa
Delhi
Simla
Quetta
Karachi
Bombay to Singapore
Colombo to Penang
Colombo to Fremantle
Aden to Colombo
Aden to Batavia
Aden to Bombay
Suez to Bombay
Zanzibar to Bombay
Mauritius to Bombay
Cape Town to Bombay
Cape Town to Colombo
Cape Town to Fremantle
Cape Town to Melbourne
Cape Town to Adelaide
Cape Town to Sydney
Cape Town to Auckland
Cape Town to Wellington
Cape Town to Hobart
Cape Town to Batavia
Cape Town to Singapore
Cape Town to Hongkong
Cape Town to Shanghai
Cape Town to Manila
Cape Town to Saigon
Cape Town to Bangkok
Cape Town to Rangoon
Cape Town to Mandalay
Cape Town to Calcutta
Cape Town to Madras
Cape Town to Colombo
Cape Town to Karachi
Cape Town to Bombay
Cape Town to Aden
Cape Town to Suez
Cape Town to Cairo
Cape Town to Beirut
Cape Town to Damascus
Cape Town to Baghdad
Cape Town to Tehran
Cape Town to Meshed
Cape Town to Kandahar
Cape Town to Kabul
Cape Town to Lhasa
Cape Town to Delhi
Cape Town to Simla
Cape Town to Quetta

INDIA & FARTHER INDIA

Political Map

INDIA & FARTHER INDIA – POLITICAL

ETHNOGRAPHIC SKETCH MAP

DENSITY OF POPULATION

Persons per sq. mile
Under 25
25 to 64
64 to 128
128 to 192
192 to 256
256 to 320
Over 320

Native and Protected States in India are coloured yellow

Scale 1:10,000,000

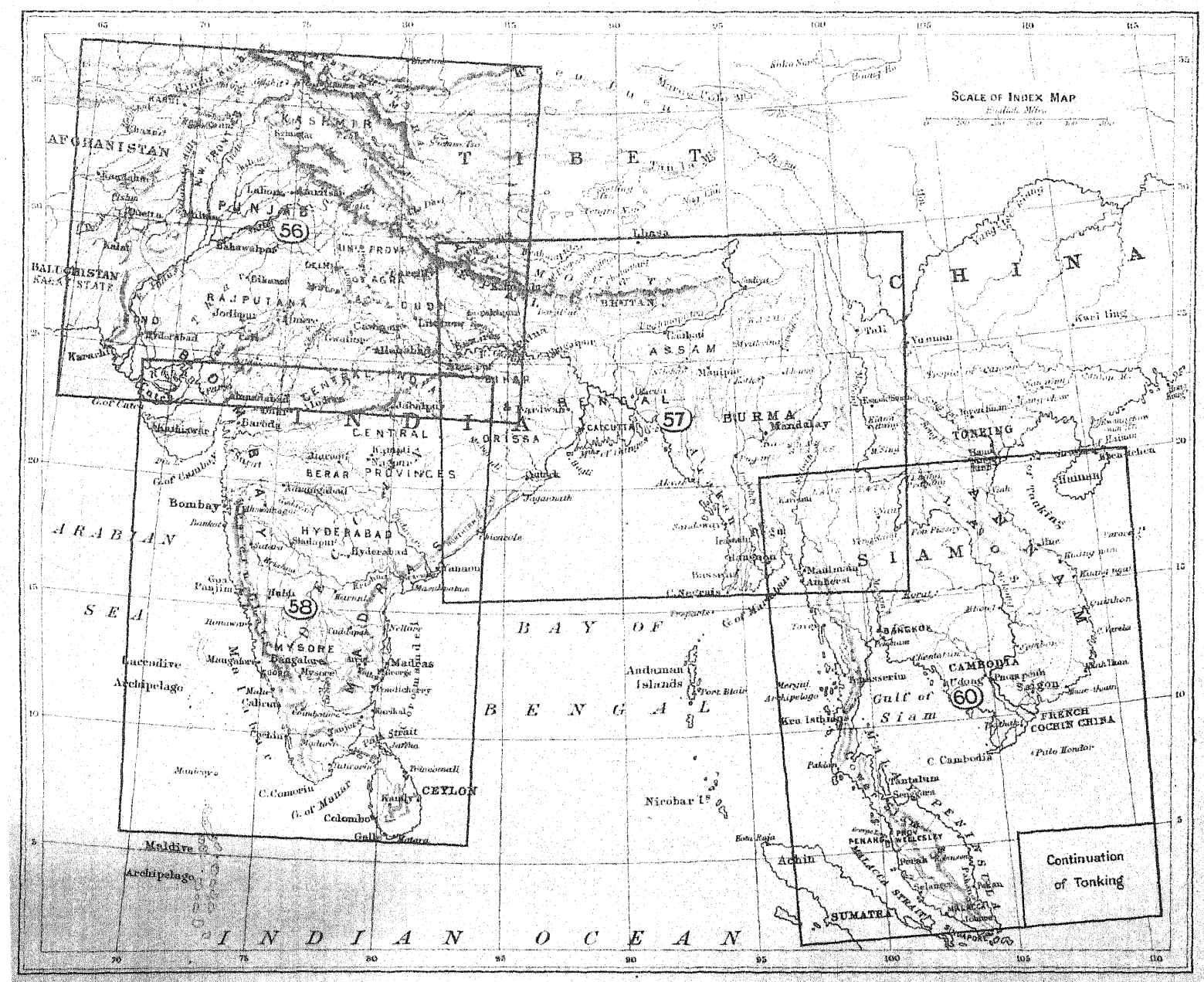
English Miles

Kilometres

Longitude East of Greenwich

INDIA—NORTH-WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate


SCALE OF INDEX MAP
AFGHANISTAN
BALUCHISTAN
KALAT STATE
KASHMIR
PUNJAB
56
RAJPUTANA
BAHAWALPUR
SIND
Karachi
Hyderabad
Jodhpur
Bikaner
Jaisalmir
Jaipur
Ajmere
Udaipur
Kotah
Gwalior
Allahabad
Agra
Delhi
Lahore
Multan
Peshawar
Quetta
Kabul
Khelat
Quetta
Dera Ismail Khan
Dera Ghazi Khan
Bahawalpur
Sukkur
Jacobabad
Shikarpur
Barmer
Jodhpur
Umarkot
Nasirabad
Tonk
Kotah
Bundi
Jhalawar
Ajmer
Udaipur
Chittorgarh
Bhilwara
Neemuch
Ratlam
Indore
Dhar
Mhow
Jhansi
Cawnpore
Lucknow
Allahabad
Fatehpur
Banda
Rewah
Nagpur
Chanda
Wardha
Amraoti
Akola
Aurangabad
Jalna
Parbhani
Nanded
Bidar
Gulbarga
Raichur
Sholapur
Poona
Satara
Kolhapur
Belgaum
Dharwar
Bijapur
Karwar
Goa
Panjim
Mangalore
Mysore
Bangalore
Madras
Cuddapah
Nellore
Vellore
Salem
Coimbatore
Erode
Trichinopoly
Madura
Tanjore
Pamban
Palk Strait
Tuticorin
Tinnevelly
Trivandrum
Quilon
Cochin
Calicut
Cannanore
Mahe
Tellicherry
Ootacamund
Nilgiri Hills
Malabar Coast
Coromandel Coast
Eastern Ghats
Western Ghats
Vindhya Range
Satpura Range
Aravalli Range
Sutlej R.
Indus R.
Jhelum R.
Chenab R.
Ravi R.
Beas R.
Godavari R.
Krishna R.
Kistna R.
Tapti R.
Narbada R.
Mahanadi R.
Chambal R.
Jumna R.
Ganges R.
Son R.
Damodar R.
Hugli R.
Mutlah R.
Kaveri R.
Vaigai R.
Tambraparni R.
Periyar R.
Pamba R.
Bhima R.
Tungabhadra R.
Pranhita R.
Wardha R.
Wainganga R.
Penganga R.
Manjra R.
Purna R.
Tapti R.
Narbada R.
Mahi R.
Sabarmati R.
Luni R.
Banas R.
Chambal R.
Betwa R.
Ken

INDIA - NORTH-WESTERN SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

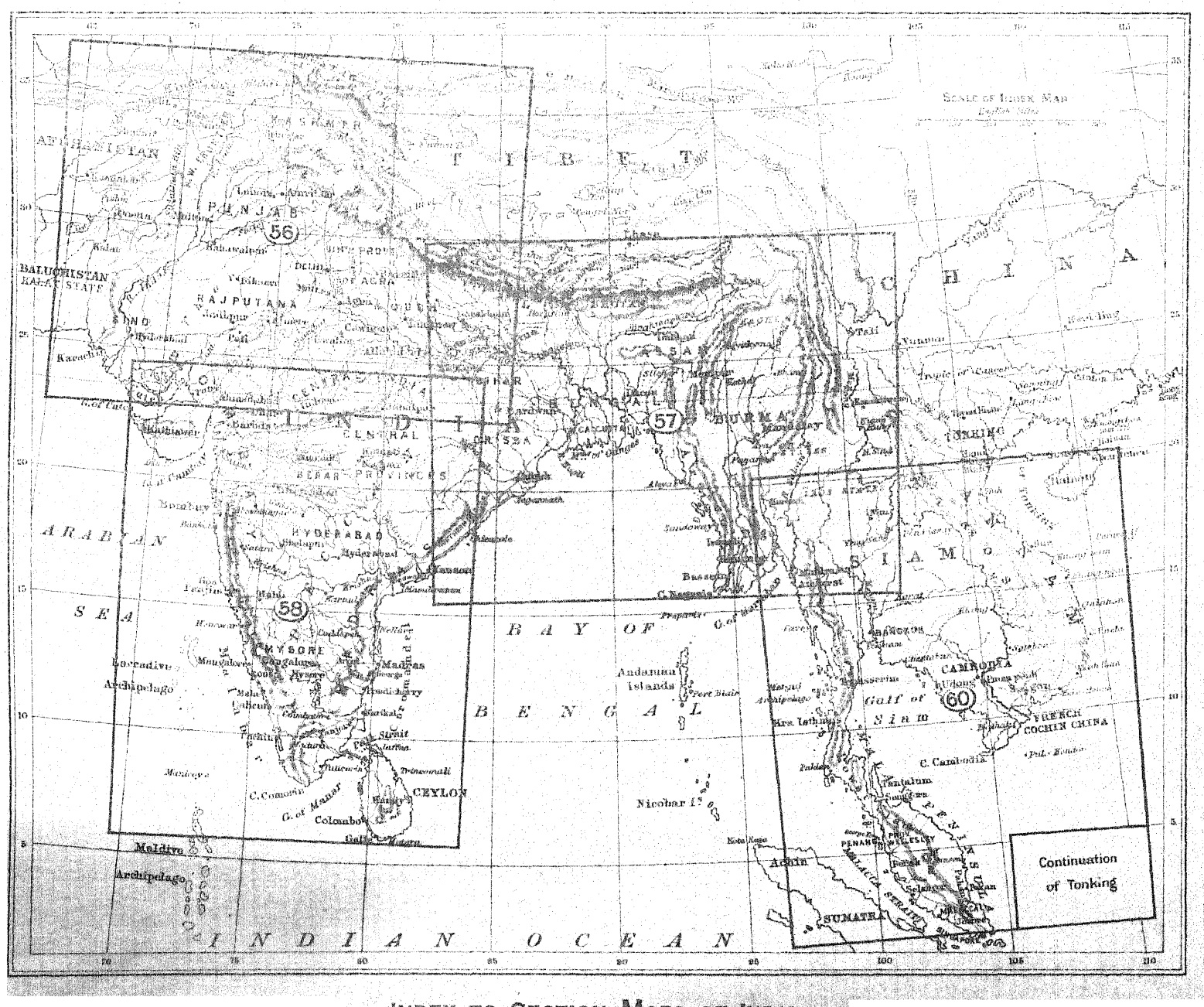
METRES	FEET
4573	15000
3040	10000
1829	6000
914	3000
609	2000
457	1500
304	1000
152	500
	Sea Level
183	100 Fathoms

Scale — 1:4,000,000
English Miles
0 10 20 40 60 80 100 120 140

THE EDINBURGH GEOGRAPHICAL INSTITUTE

INDIA—NORTH-EASTERN SECTION

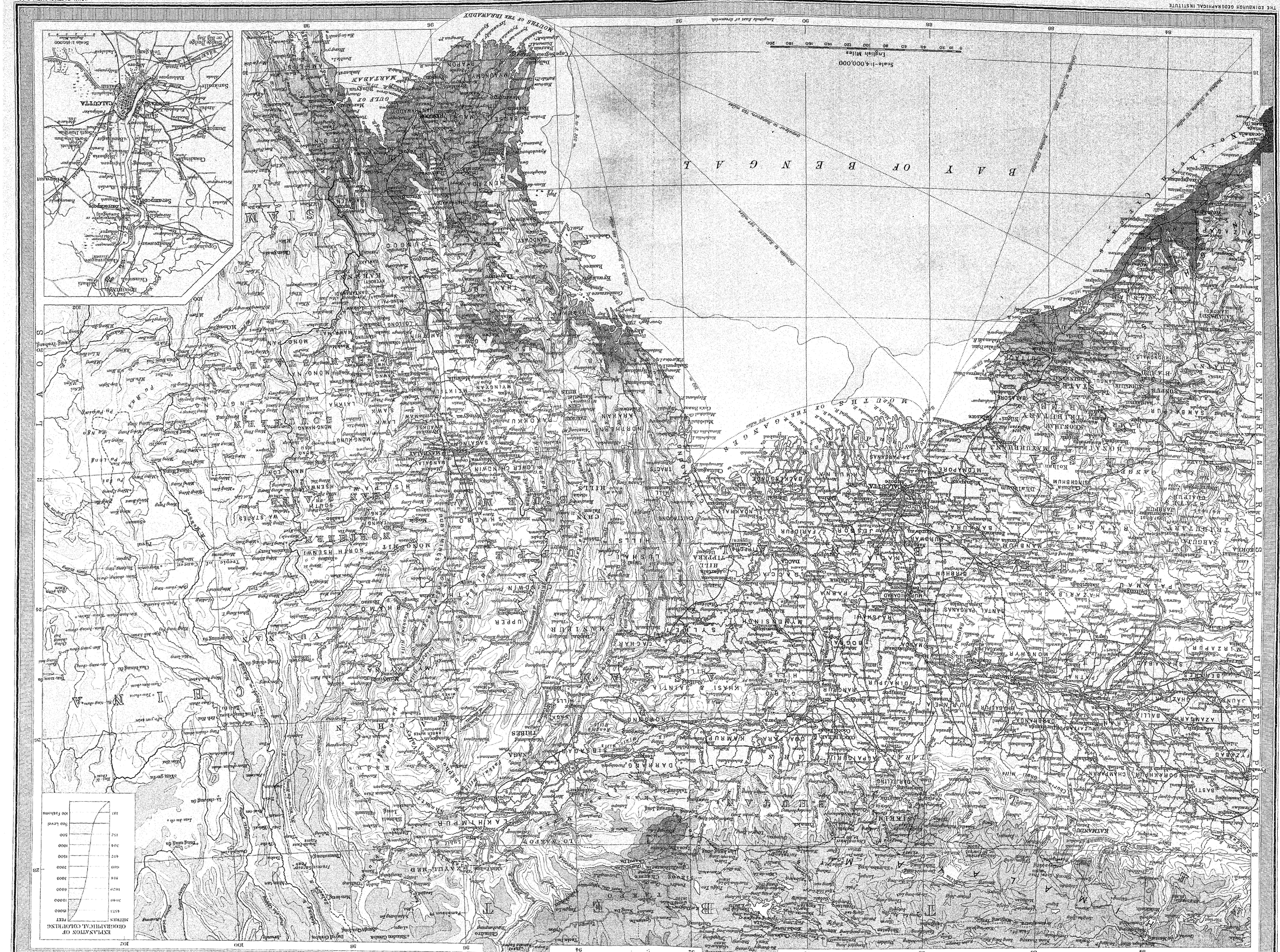
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF INDIA

ON SCALE OF 1:4,000,000

THE EDINBURGH GEOGRAPHICAL INSTITUTE


Scale 1:4,000,000
English Miles
0 10 20 40 60 80 100 120 140 160 180 200
BAY OF BENGAL
CENTRAL PROVINCES
UNITED PROVINCES
MADRAS
CALCUTTA
BOMBAY
HYDERABAD
NAGPUR
JABALPUR
ALLAHABAD
LUCKNOW
AGRA
DELHI
AMBALA
LAHORE
MULTAN
KARACHI
JODHPUR
AJMERE
INDORE
BHOPAL
GWALIOR
JAIPUR
BARODA
SURAT
NASIK
POONA
SATARA
KOLHAPUR
BELGAUM
GOA
MANGALORE
CALICUT
COCHIN
TRICHINOPOLY
MADURA
TINNEVELLY
TRIVANDRUM
PONDICHERRY
MYSORE
BANGALORE
SALEM
COIMBATORE
OOTACAMUND
GULF OF MANAAR
PALK STRAIT
GULF OF MARTABAN
ANDAMAN ISLANDS
NICOBAR ISLANDS
MOUTHS OF THE IRRAWADDY
MOUTHS OF THE GANGES
MOUTHS OF THE INDUS
RIVER INDUS
RIVER GANGES
RIVER BRAHMAPUTRA
RIVER GODAVERY
RIVER KISTNA
RIVER CAUVERY
RIVER NERBUDDA
RIVER TAPTEE
RIVER MAHANUDDY
RIVER IRRAWADDY
RIVER SALWEEN
RIVER MEKONG
RIVER MENAM
RIVER MENAN
RIVER SUTLEJ
RIVER JUMNA
RIVER CHENAB
RIVER JHELUM
RIVER RAVEE
RIVER BEAS
RIVER SHYOK
RIVER KABUL
RIVER HELMUND
RIVER ARGHESTAN
RIVER HARIRUD
RIVER ZERAFSHAN
RIVER OXUS
RIVER TARIM
RIVER YARKAND
RIVER KARAKASH
RIVER KUNLUN
RIVER SHAYOK
RIVER SHIGAR
RIVER INDU

INDIA - NORTH-EASTERN SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

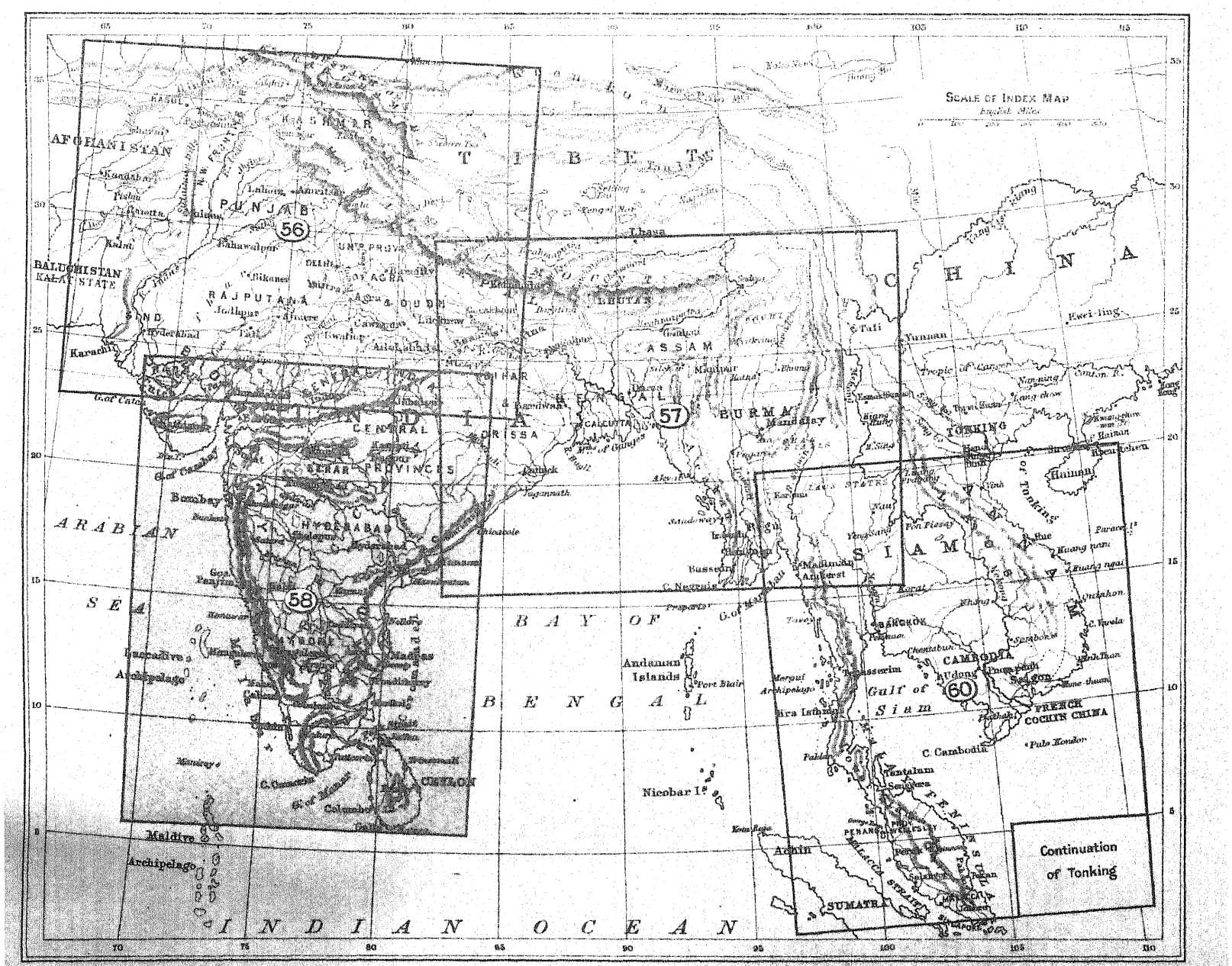
METRES	FEET
4573	15000
3048	10000
1829	6000
914	3000
609	2000
457	1500
304	1000
152	500
	Sea Level
183	100 Fathoms

Scale 1:4,000,000
English Miles
0 10 20 40 60 80 100 120 140 160 180 200

Scale 1:650,000
English Miles

INDIA—SOUTHERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF INDIA

ON SCALE OF 1:4,000,000

INDIA – SOUTHERN SECTION

RAJPUTANA

CENTRAL PROVINCES

BERAR

HYDERABAD DOMINIONS

MADRAS

BOMBAY

MYSORE

TRAVANCORE

COCHIN

COORG

PORTUGUESE TERRITORY

GREAT RANN OF CUTCH

GULF OF CUTCH

GULF OF CAMBAY

ARABIAN SEA

LACCADIVE ISLANDS

BAY OF BENGAL

GULF OF MANAR

PALK STRAIT

Palk Bay

Coromandel Coast

Malabar Coast

Northern Circars

Bassas de Pedro Padua Bank or Munyal Bar

Angria's Bank

Direction Bank

Eticalpeni Bank

Cheriyapani Reef or Retapani

Pyramus Reef or Parapani

Sevastopol Bank

Vingorla Rocks

Oyster Rocks

Aurora Rock

Ramsa Rock

Chetlat

Bombay to Aden 1645, Port Said 3081, London 6260 miles

Bombay to Aden 2345 miles

Bombay to Bombay 2560 miles

Bombay to Bombay 2560 miles

Madras to Colombo 550 miles

Madras to Penang 1300 miles

Madras to Rangoon 1020 miles

Colombo to Aden 2120, Port Said 3500, London 6725 miles

Colombo to Calcutta 1325, Bombay 1780 miles

Colombo to Singapore 1320 miles

Moulmein et the Godavari

Pt Narsapur

Pt Dodi

Pt Palmyra

Pt Calimere

Pt David

Pt Pedro

Adam's Bridge

Paumben Pass

Chalk

Mullaitivu

Elephanta I.

Karanja I.

Uran

Chirnor

Panvel

Pen

Alibag

Revas

Mandad

Mhar

Mahad

Poladpur

Rajapur

Vingorla

Malvan

Vengurla

Belgaum

Dharwar

Gadag

Hubli

Karwar

Honavar

Coondapoor

Udipi

Mangalore

Cannanore

Tellicherry

Mahe (French)

Calicut

Beypore

Cochin

Mattanchery

Allepey

Quilon

Trivandrum

Cape Comorin

Tuticorin

Manaar

Puttalam

Negombo

COLOMBO

Kalpitiya

Kurunegala

Matale

Kandy

Batticaloa

Trincomali

Vavuniya

Mullaitivu

Jaffna

Point Pedro

Galle

Matara

Dondra Hd

Great Basses

Little Basses

Yala

Hambantota

Ambalangoda

Tangalla

Kalutara

Ratnapura

Badulla

Nuwara Eliya

Kandy

Trincomali

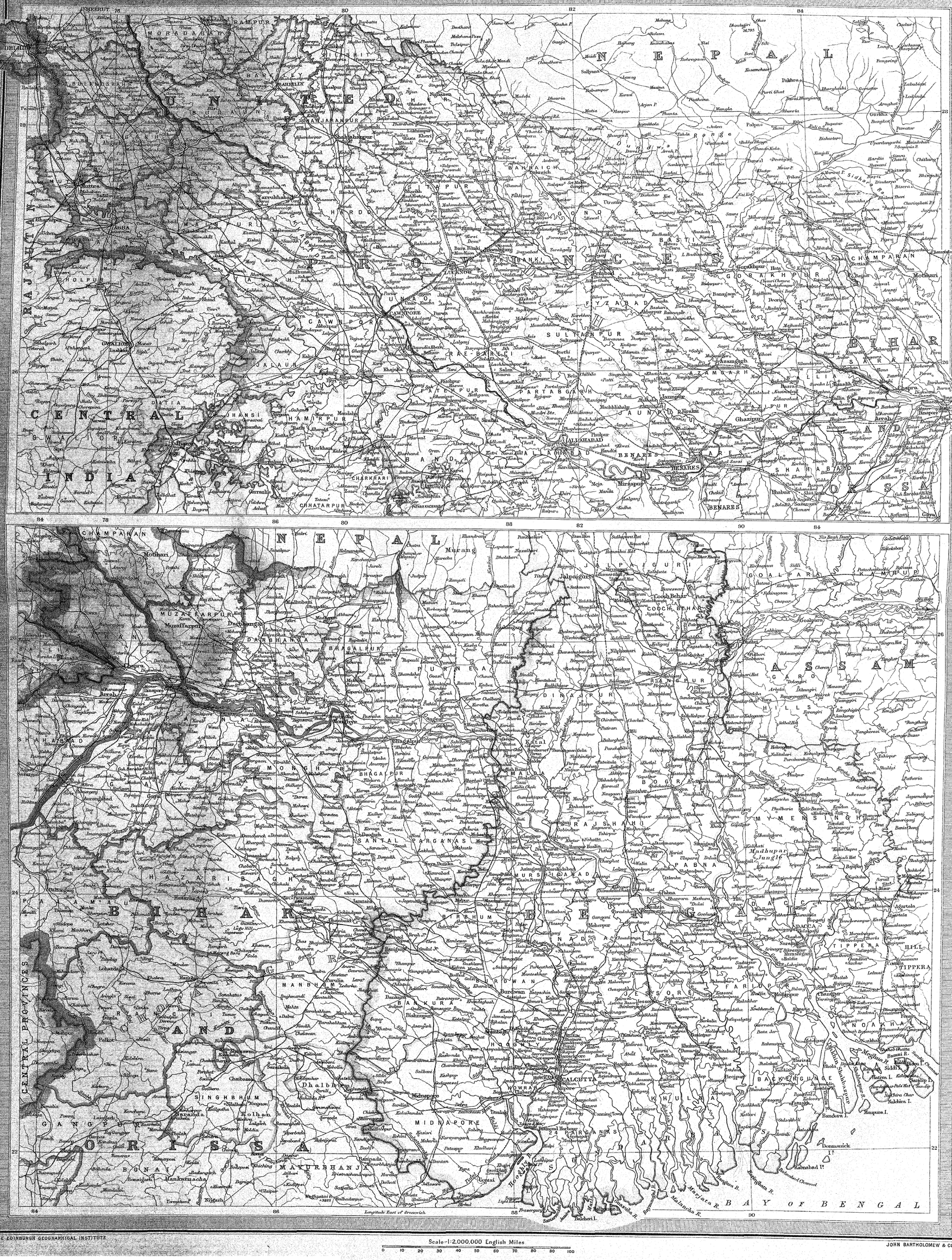
Batticaloa

THE GANGES VALLEY

FROM DELHI TO CALCUTTA

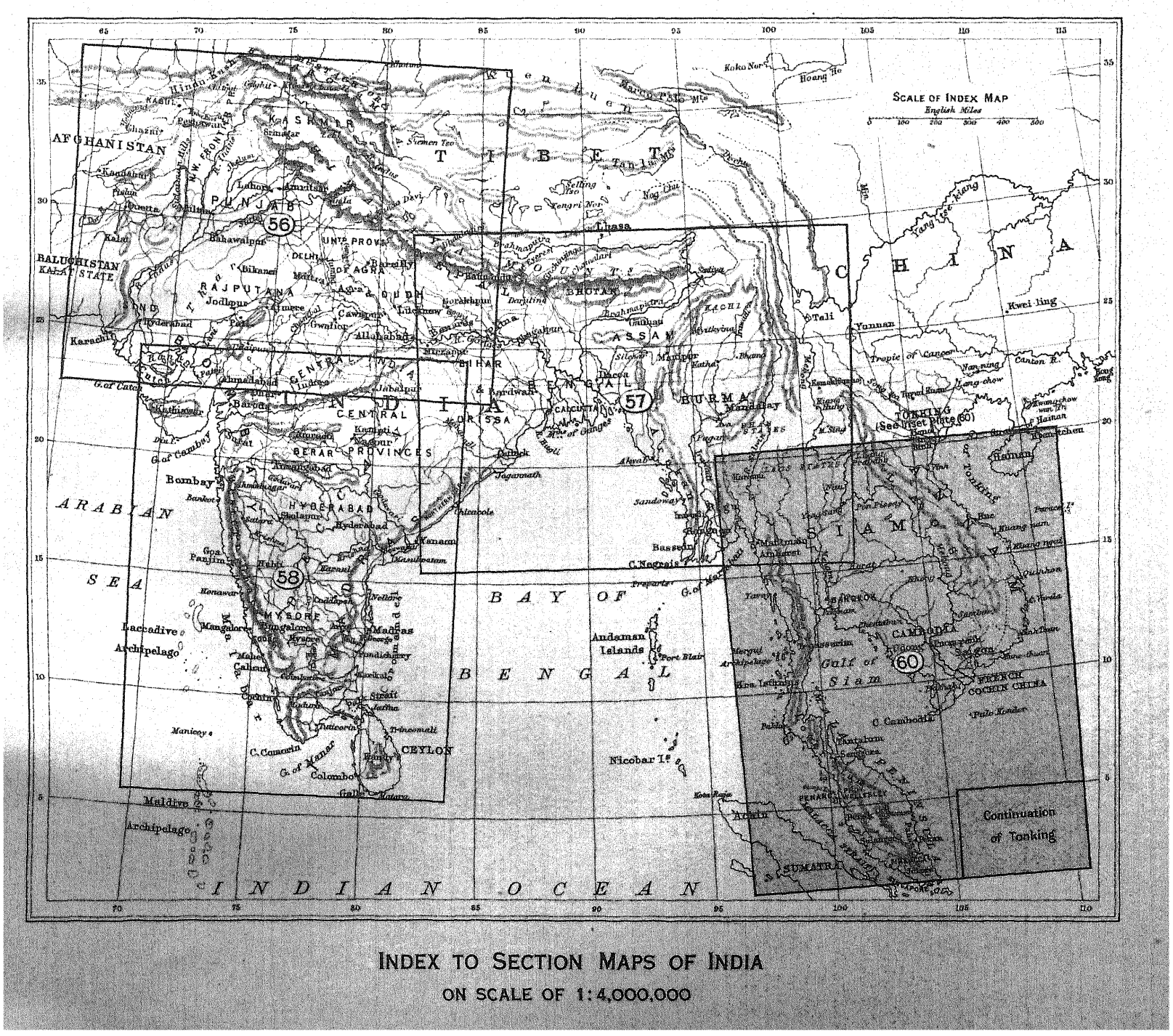
SCALE 1 : 2,000,000

PROVINCES OF THE LOWER GANGES


UNITED PROVINCES
BENGAL
BIHAR
ORISSA
CENTRAL INDIA
CENTRAL PROVINCES
RAJPUTANA
NEPAL
ASSAM
BAY of BENGAL
DELHI
MEERUT
MORADABAD
RAMPUR
BAREILLY
SHAHJAHANPUR
ALIGARH
MUTTRA
FARRUKHABAD
ETAWAH
CAWNPORE
JALAUN
JHANSI
HAMIRPUR
DATIA
GWALIOR
AGRA
DHOLPUR
BHARATPUR
ALWAR
KARNAL
AMBALA
SIMLA
BIJNOR
MORADABAD
PILIBHIT
BUDAUN
SHAHJAHANPUR
KHERI
SITAPUR
HARDOI
LUCKNOW
UNNAO
RAE-BARELI
PARTABGARH
SULTANPUR
FYZABAD
BARA BANKI
GONDA
BASTI
GORAKHPUR
CHAMPARAN
MOTIHARI
SARAN
AZAMGARH
JAUNPUR
GHAZIPUR
BALLIA
BENARES
MIRZAPUR
ALLAHABAD
BANDA
CHARKHARI
CHHATARPUR
PANNA
REWAH
SHAHABAD
GAYA
MONGHYR
BHAGALPUR
SANTAL PARGANAS
HAZARIBAGH
MANBHUM
PURULIA
SINGHBHUM
PURNEA
DARBHANGA
MUZAFFARPUR
SARAN
CHAMPARAN
BHAGALPUR
DINAJPUR
JALPAIGURI
COOCH BEHAR
GOALPARA
KAMRUP
NOWGONG
KHASI HILLS
GARO HILLS
BORPETA
GAUHATI
MYMENSINGH
RAJSHAHI
MURSHIDABAD
BIRBHUM
NADIA
BURDWAN
BANKURA
HOOGHLY
HOWRAH
CALCUTTA
24 PARGANAS
MIDNAPORE
KHULNA
BAKARGUNJ
FARIDPUR
DACCA
TIPPERA
NOAKHALI
CHITTAGONG HILL TRACTS
SUNDERBANS
Ganges R.
Jumna R.
Gogra R.
Gandak R.
Sarda R.
Ramganga R.
Kosi R.
Brahmaputra R.
Hooghly R.
Mahanadi R.
Subarnarekha R.
Damodar R.
Barakar R.
Rupnarayan R.
Kasai R.
Mayurakshi R.
Ajai R.
Son R.
Betwa R.
Dhasan R.
Rihand R.
Kanhar R.
Karamnasa R.
Ken R.
Tons R.
Gumti R.
Sarju R.
Rapti R.
Ghaghara R.
Baghmati R.
Kamla R.
Bagmati R.
Kosi R.
Mechi R.
Tista R.
Karatoya R.
Atrai R.
Padma R.
Meghna R.
Surma R.
Kusiyara R.
Barak R.
Dhansiri R.
Kopili R.
Subansiri R.
Manas R.
Sankosh R.
Raidak R.
Jaldhaka R.
Teesta R.
Rangit R.
Matabhanga R.
Mahananda R.
Kulik R.
Rohini R.
Betwa R.
Ken R.
Dhasan R.
Sone R.
Rihand R.
Kanhar R.
Karamnasa

FARTHER INDIA

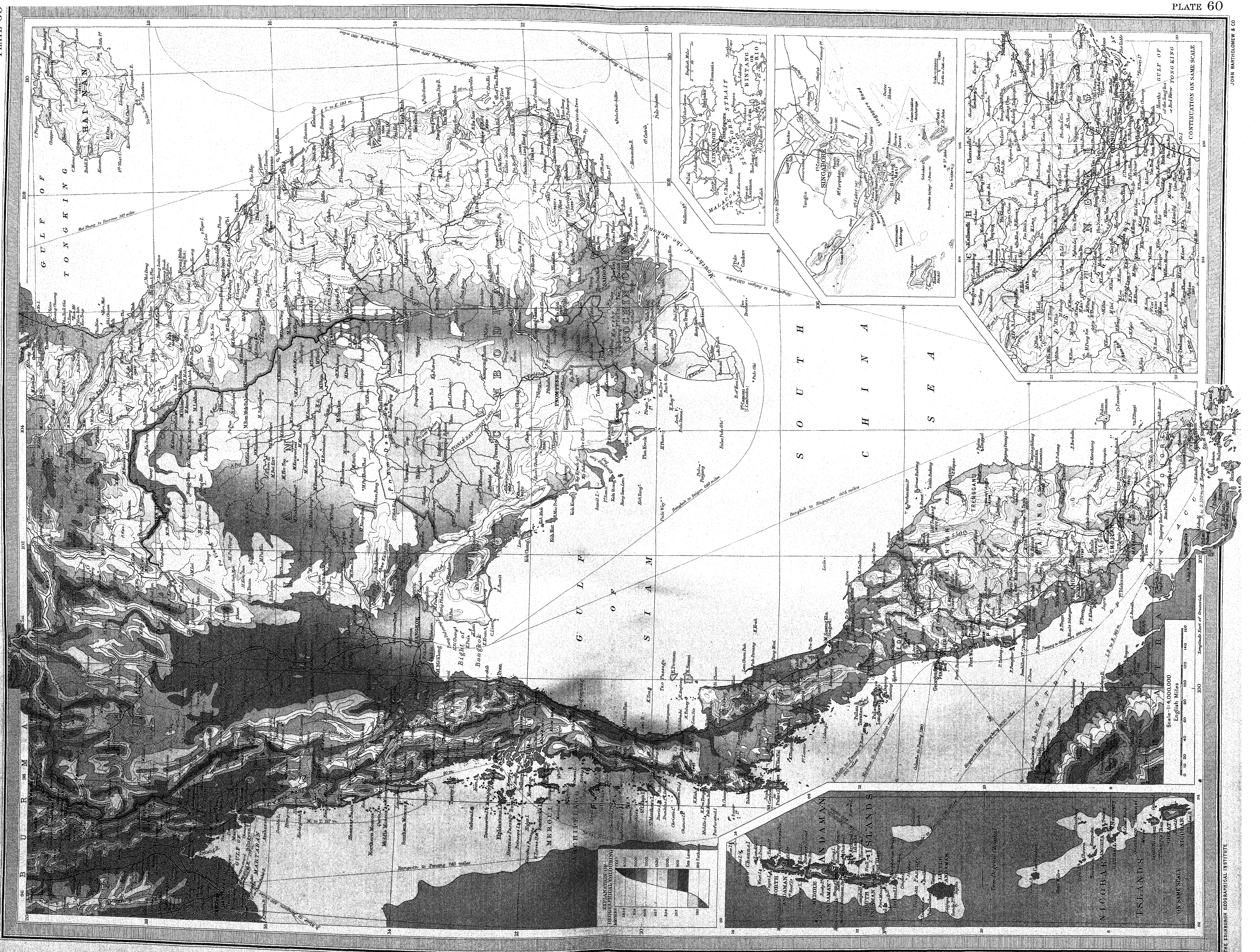
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF INDIA

ON SCALE OF 1:4,000,000

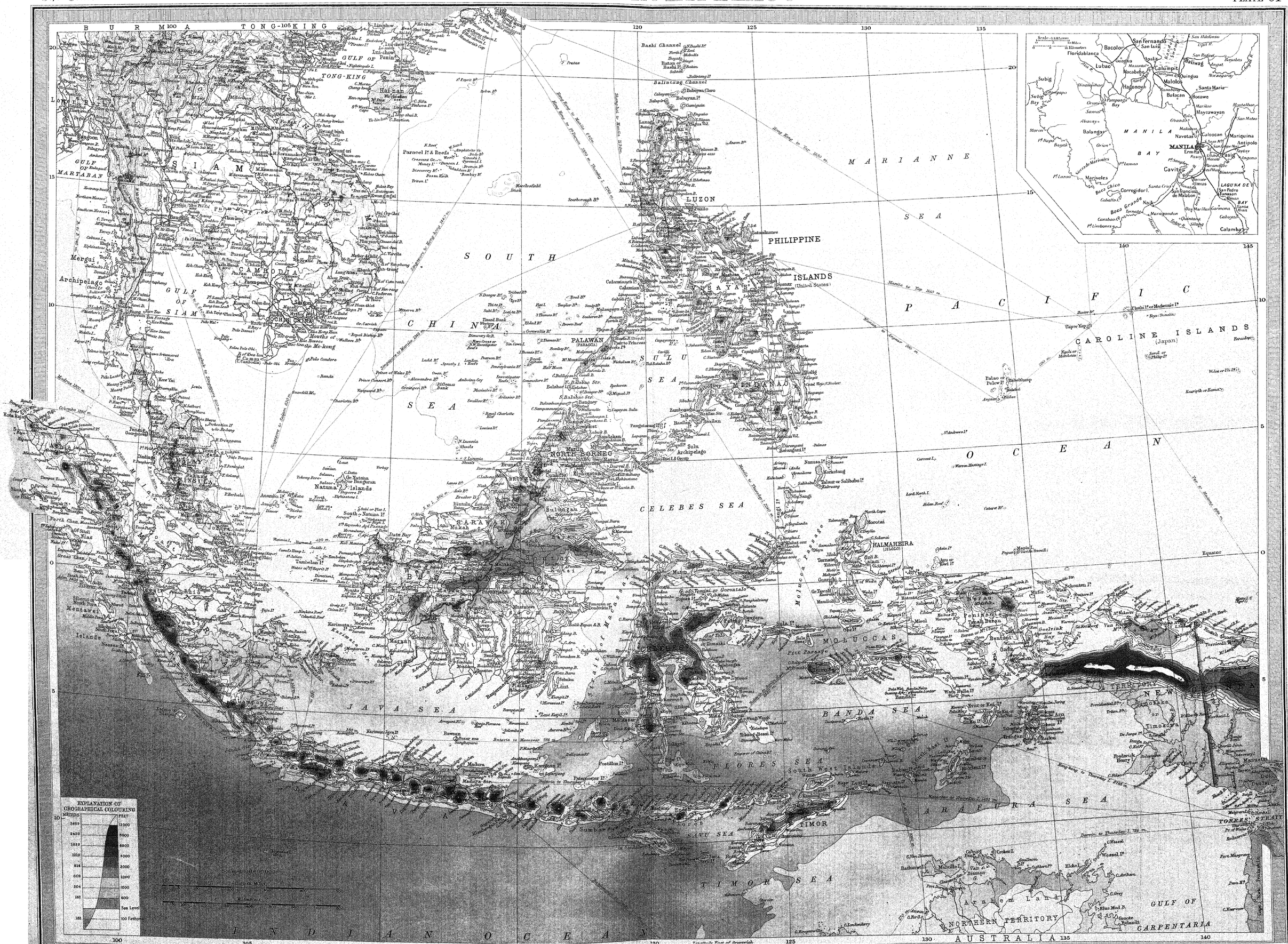
PLATE 60


"The Times" ATLAS
FARTHER INDIA
JOHN BARTHOLOMEW & CO
THE EDINBURGH GEOGRAPHICAL INSTITUTE
Scale 1:4,000,000
English Miles
0 10 20 40 60 80 100 120 140 160
Longitude East of Greenwich
EXPLANATION OF OROGRAPHICAL COLOURING
METRES FEET
1829 6000
914 3000
609 2000
457 1500
304 1000
152 500
Sea Level
183 100 Fathoms
GULF OF TONGKING
HAI-NAN
GULF OF SIAM
SOUTH CHINA SEA
STRAIT OF MALACCA
SUMATRA
BURMA
GULF OF MARTABAN
MERGUI ARCHIPELAGO
CAMBODIA
COCHIN CHINA
SAIGON
PNOM-PENH
BANGKOK
Bight of Bangkok
TONLE SAP (GREAT LAKE)
TRENGGANU
JOHORE
SINGAPORE
PENANG
MALACCA
NEGRI SEMBILAN
SELANGOR
KEDAH
PERAK
Mouths of the Mekong
Bangkok to Saigon 640 miles
Bangkok to Singapore 805 miles
Singapore to Saigon 630 miles
Singapore to Hong-kong 1440 miles
Bangkok to Hong-kong 1470 miles
Saigon to Hong-kong 930 miles
Hai Phong to Tourane 307 miles
Rangoon to Penang 740 miles
Penang to Singapore 395 miles
Colombo to Penang 1280
Madras to Penang 1300 miles
Singapore 1650 Hongkong 3030 miles
MALACCA STRAIT
SINGAPORE STRAIT
BINTANG OR RIO
Singapore Road
Examination Anchorage
Scale 1:150,000
Depths in Fathoms
TONGKING
CHINA
HANOI
GULF OF TONGKING
Mouths of the Song Koi or Red River
CONTINUATION ON SAME SCALE
ANDAMAN ISLANDS
NORTH ANDAMAN
MIDDLE ANDAMAN
SOUTH ANDAMAN
LITTLE ANDAMAN
Ten Degree Channel
NICOBAR ISLANDS
GREAT NICOBAR
ON SAME SCALE

MALAY ARCHIPELAGO

SCALE 1 : 10,000,000

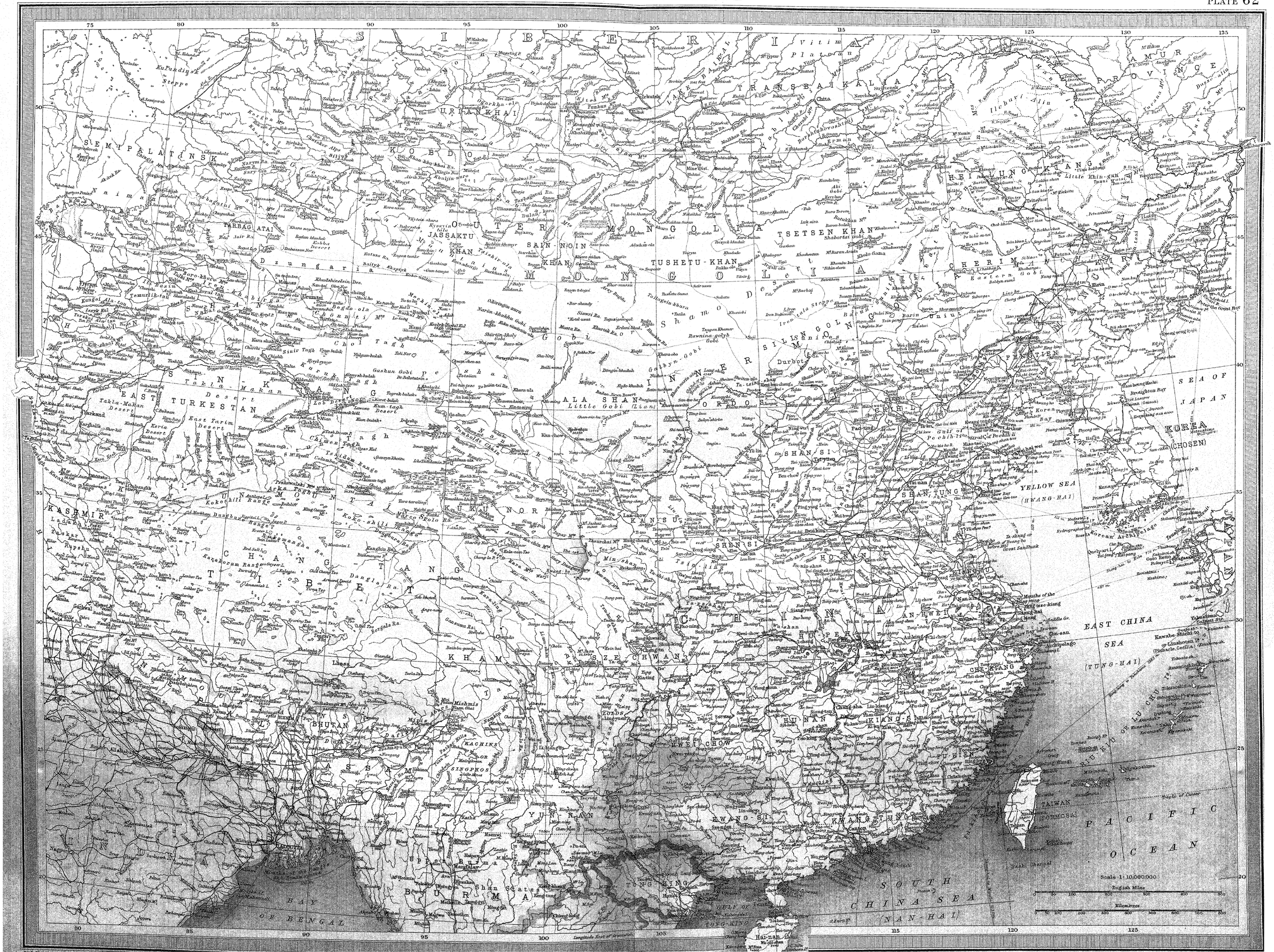
MALAY ARCHIPELAGO


BURMA
SIAM
GULF OF MARTABAN
GULF OF SIAM
Mergui Archipelago
CAMBODIA
COCHIN CHINA
Mouths of the Mekong
Paracel I's & Reefs
Macclesfield Bank
Scarborough Bk
Pratas
Bashi Channel
Balintang Channel
LUZON
Manila
PHILIPPINE ISLANDS
SOUTH CHINA SEA
PALAWAN (PARAGUA)
Puerto Princesa
SULU SEA
MINDANAO
Sulu Archipelago
Tawi-Tawi Group
Sandakan
NORTH BORNEO
BRUNEI
SARAWAK
Kuching
Natuna Islands
CELEBES SEA
Pulo Condore
Anambas Is.
Tambelan Is.
Nias
Mentawei Islands
Siberut or North Pora I.
Sumatra
Palembang
Bencoolen
Batavia
JAVA SEA
Madura
Sumbawa
Flores
Postillon I.
Paternoster I.
Timor
SAVU SEA
TIMOR SEA
INDIAN OCEAN
MOLUCCAS
Molucca Passage
Halmaheira (Jilolo)
Ternate
Tidore
Gilolo or Halmaheira
Amboina
Banda
BANDA SEA
Ceram
Buru
Obi
Sula Is.
Celebes
Gilolo Passage
FLORES SEA
South West Islands
ARAFURA SEA
TORRES STRAIT
NEW GUINEA or PAPUA
Timor Laut or Timorlaoet
Aru Islands
Dutch New Guinea
Frederick Henry I.
Geelvink Bay
Humboldt Bay
Hollandia
Port Moresby
Thursday I.
Darwin
AUSTRALIA
NORTHERN TERRITORY
Arnhem Land
GULF OF CARPENTARIA
Melville I.
Bathurst I.
Croker I.
Wessel Is.
Groote Eylandt
Mapia Is.
Yap or Gaspar Rico
Palau or Pelew Is.
Anguar
Ngulu or Matelotas
Hogoleu or Eauripik
Sonsorol or Philip Is.
Pulo Anna
CAROLINE ISLANDS (Japan)
MARIANNE SEA
Hong Kong to Yap 1950 m.
Manila to Yap 1150 m.
Manila to Amoy 780 m.
Singapore to Manila 1340 m.
Singapore to Hong Kong 1440 m.
Batavia to Singapore 420 m.
Batavia to Macassar 785 m.
Darwin to Thursday I. 726 m.
Hong Kong to Manila 618 m.
Hong Kong to Paracel 390 m.
Thursday I. to Manila 2040 m.
Colombo 1860 m.
Madras 1900 m.
Scale of Miles
Scale of Metres
Longitude East of Greenwich
EXPLANATION OF OROGRAPHICAL COLOURING
METRES
FEET
Sea Level
100 Fathoms
Scale 1:12,500,000
Manila
Bataan
Corregidor I.
Cavite
Mariveles
Bocaue
Bulacan
Malolos
Calumpit
Baliwag
Guagua
Lubao
Bacolor
San Fernando
San Luis
Floridablanca
Subig
Subig Bay
Pampanga Bay
Balanga
Orion
Samal
Abucay
Maron
Pt Napo
Bagac
Pt Limbones
Pt Lamao
Pt Sangley
Pt Luron
Baco Chico
Caballo I.
Boca Grande
Boca Chica
Fernate
Naik
Marangondon
Cuntaun
Silaqui
Cabuyao
Calamba
Santa Cruz
San Pedro Tunasan
Biñan
Santa Rosa
Carmona
Day Marillas
Malabon
Navotas
Caloocan
Mariquina
Antipolo
Taytay
Angono
Binangonan
Pasig
Pasay
Parañaque
Las Piñas
Meycawayan
Marilao
Obando
Polo
Santa Maria
Bocawe
Quingua
Calumpit
Apalit
Macabebe
Hagonoy
Paombong
Orani
Abucay
Samal
Mantalban
San Mateo
Montalban
Lagil I.
Pulilan
Bulacan
Malolos
Guiguinto
Bustos
Norzagaray
Angat
Bayabas
Biak-na-Bato
Subig
Dinalupihan
Hermosa
Floridablanca
Lubao
Macabebe
Masantol
Minalin
Apalit
Guagua
Bacolor
San Fernando
San Luis
Arayat
Mt Arayat
Candaba
Candaba Swamp
Mexico
Magalang
Angeles
Porac
Mabalacat
Clark Field
Bamban
Capas
Concepcion
Tarlac
Gerona
Paniqui
Camiling
Moncada
Victoria
Tarlac
Mt Pinatubo
Mt Mariveles
Mt Natib
Mt Samat
Mt Limay
Mt Pulog
Mt Data
Mt Amuyao
Mt Polis
Mt Tabayo
Mt Tabuan
Mt Tabuk
Mt Cayapa
Mt Cayagan
Mt Dumalneg
Mt Bangui
Mt Nagpartian
Mt Cadacan
Mt Cagua
Mt Cagayan
Mt Malaya
Mt Mingan
Mt Mayon
Mt Isarog
Mt Iriga
Mt Malinao
Mt Albay
Mt Bulusan
Mt Sorsogon
Mt Labo
Mt Banahao
Mt Cristobal
Mt Maquiling
Mt Makiling
Mt Batulao
Mt Pico de Loro
Mt Palay-Palay
Mt Nagpatong
Mt Biak-na-Bato
Mt Sapitan
Mt Oro
Mt Tagaytay
Mt Taal
Mt Macolod
Mt Gonzaga
Mt Canlaon
Mt Kanlaon
Mt Dumaguete
Mt Malindang
Mt Apo
Mt Matutum
Mt Parker
Mt Balatukan
Mt Dapitan
Mt Malasimbo
Mt Siburan
Mt Iglit
Mt Baco
Mt Halcon
Mt Mangyan
Mt Siburan
Mt Calavite

CHINA

Political Map

CHINA - POLITICAL



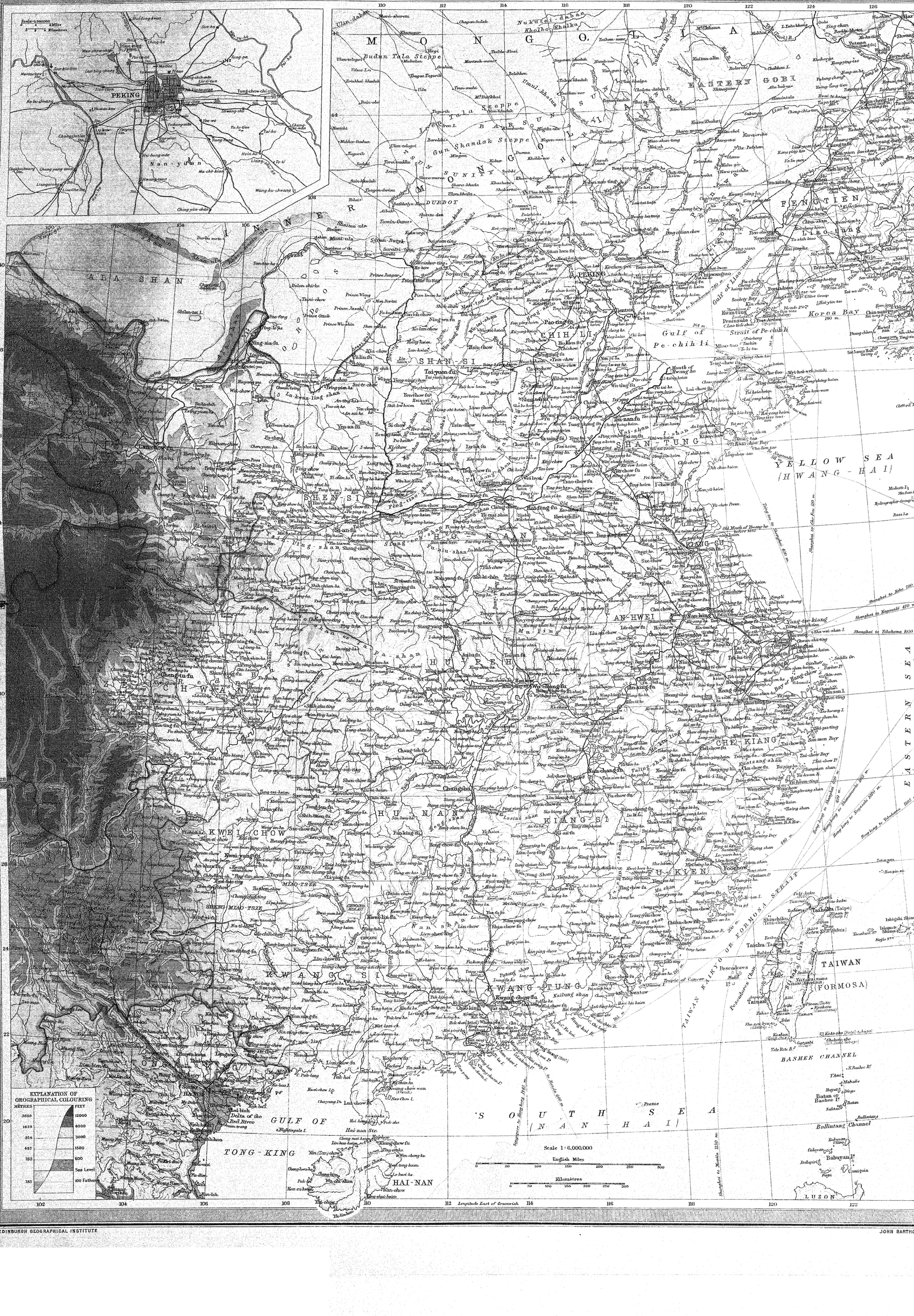
CHINA

SCALE 1 : 6,000,000

Peking

CHINA

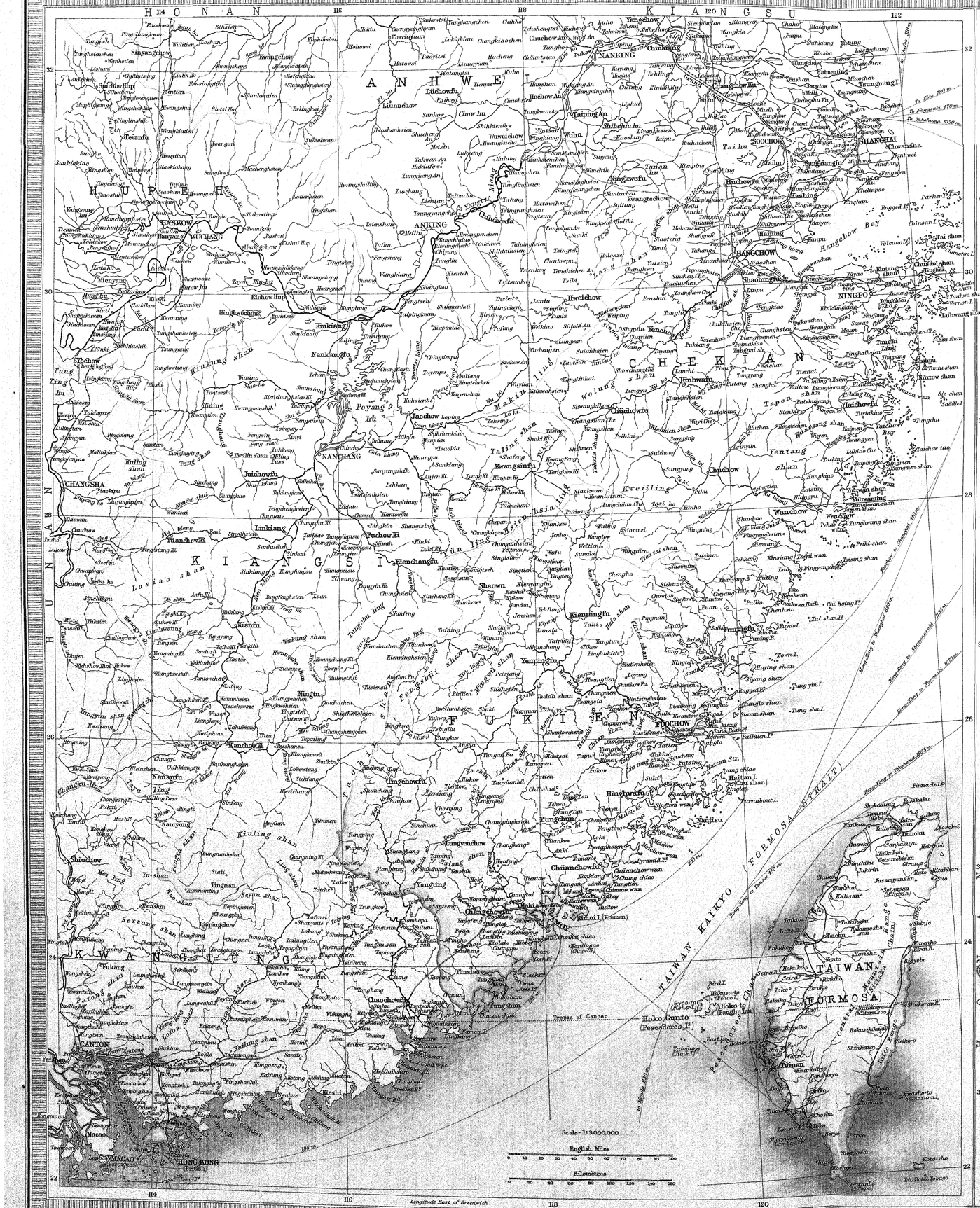
Scale 1:500,000
PEKING
Nan-yuan
Tung-chow-chi
Ho-ti-chwang
Chang-yung-kuan
Liang-siang
Ching-yun-chan

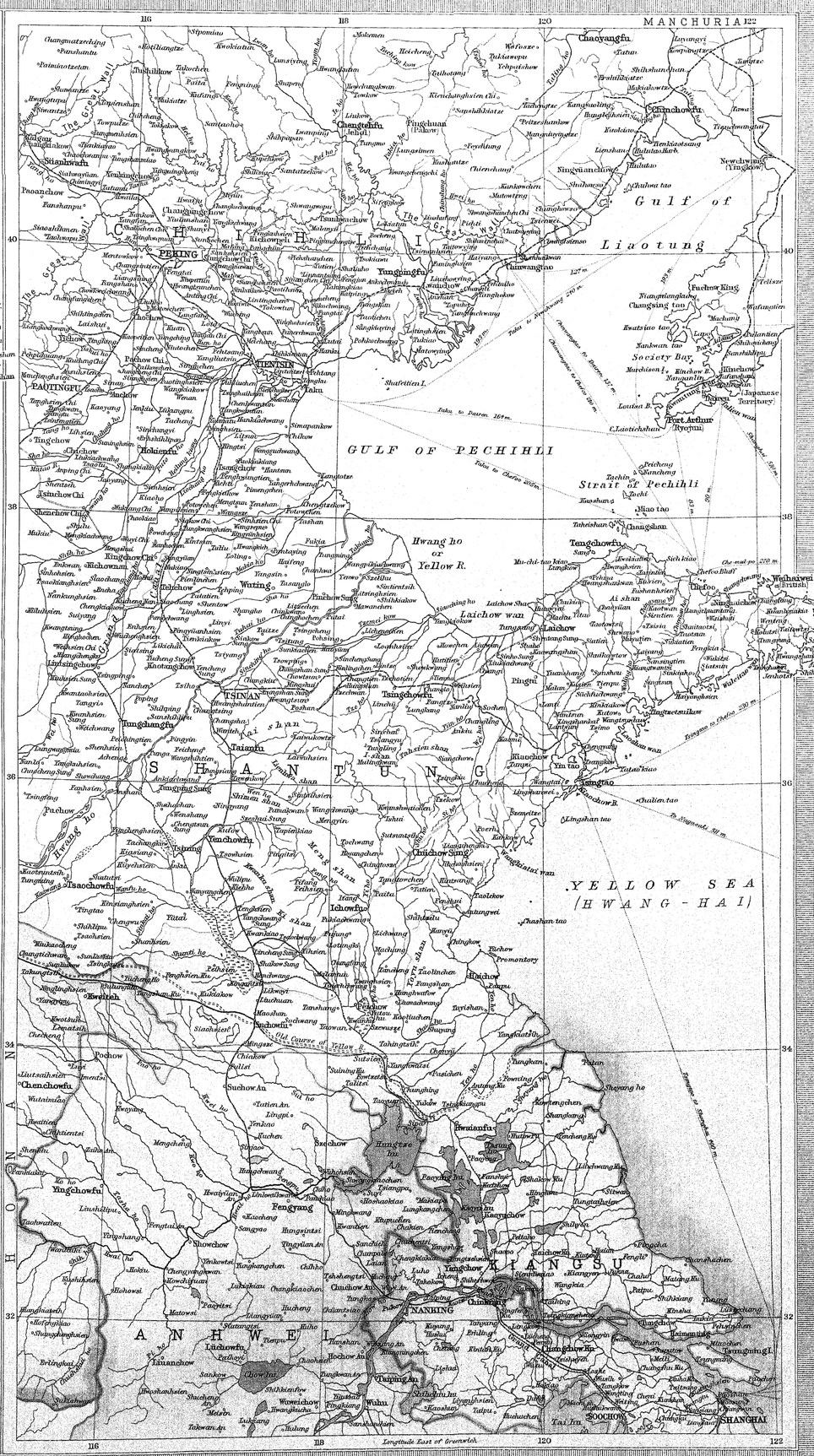

MONGOLIA
EASTERN GOBI
Budun Tala Steppe
Tala Steppe
Gun Shandak Steppe
SUNITY
BARGA
DURBOT
MANCHURIA
INNER MONGOLIA
KIRIN
FENGTIEN
PEKING
CHIH LI
SHAN SI
SHAN TUNG
Gulf of Pe-chih-li
Korea Bay
YELLOW SEA
(HWANG-HAI)
EASTERN SEA
(TUNG-HAI)
SOUTH SEA
(NAN-HAI)
KAN SU
SHEN SI
HU PEH
HU NAN
AN HWEI
KIANG SU
CHE-KIANG
FU-KIEN
KIANG SI
KWEI CHOW
YUN NAN
KWANG SI
KWANG TUNG
SZE CHWAN
SHENG-MIAO-TSZE
MIAO-TSZE
TONG-KING
HAI-NAN
TAIWAN
(FORMOSA)
Gulf of TONG-KING
Delta of the Red River
Nan shan
Ala Shan
Pescadores
BASHEE CHANNEL
Ballintang Channel
LUZON
Scale 1:6,000,000
English Miles
Kilomètres
Longitude East of Greenwich.
EXPLANATION OF OROGRAPHICAL COLOURING
METRES
FEET
Sea Level
100 Fathoms

EASTERN CHINA

Political Map

EASTERN CHINA - POLITICAL



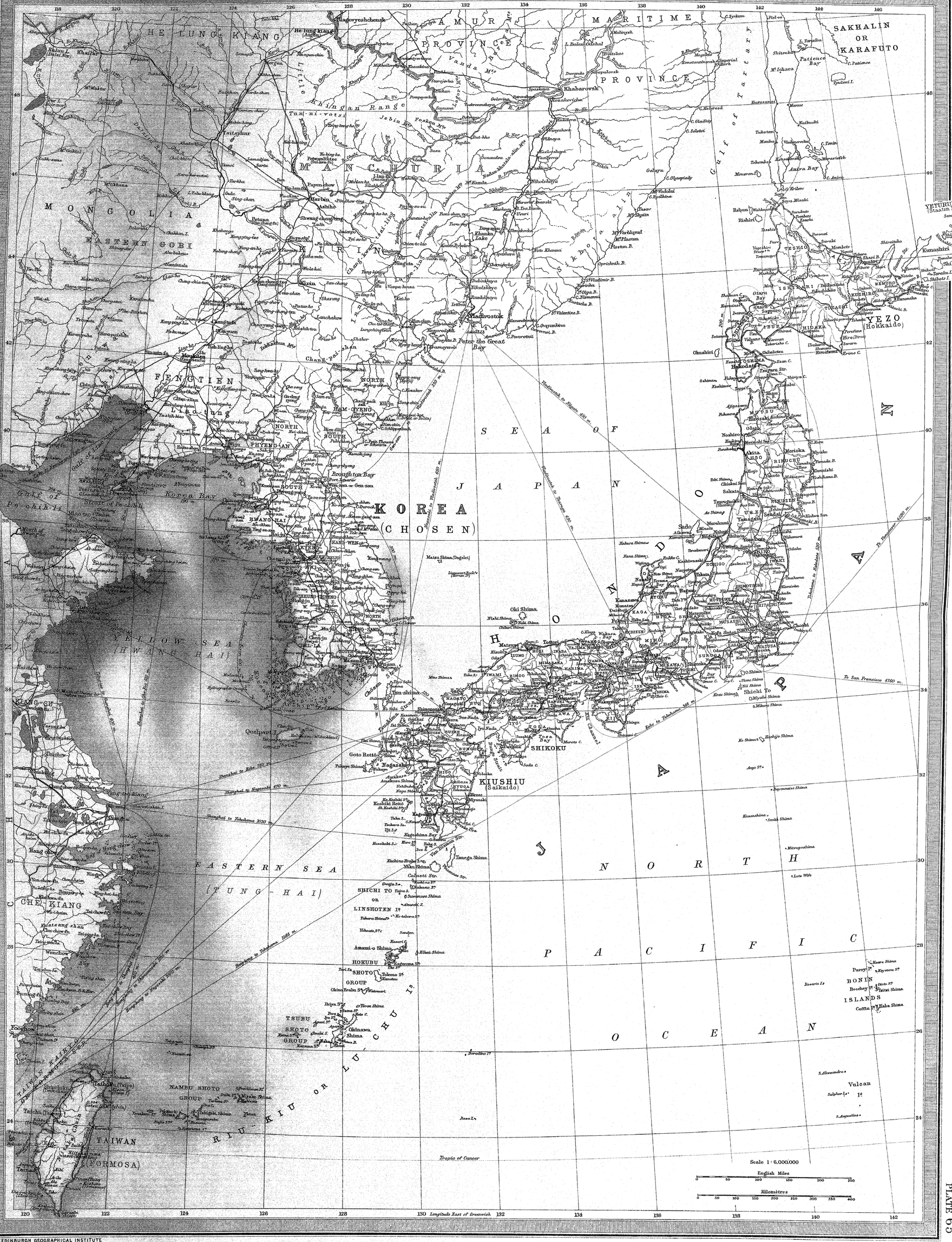


THE EDINBURGH GEOGRAPHICAL INSTITUTE

JAPANESE EMPIRE

Political Map

JAPANESE EMPIRE – POLITICAL



JOHN BARTHOLOMEW & SON, LTD

JAPAN

SCALE 1 : 3,000,000

Environs of Tokio & Nagasaki

JAPAN

CONTINUATION ON SAME SCALE AS LARGE MAP

SEA OF JAPAN

PACIFIC OCEAN

KOREA

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
2800	9184
2400	7872
2000	6560
1600	5248
1200	3936
800	2624
400	1312
200	656
183	Sea Level
	100 Fathoms

Scale 1:3,000,000

English Miles 0 10 20 30 40 50 60 70 80 90 100

Kilometres 0 20 40 60 80 100

Scale 1:1,500,000

English Miles 0 5 10 15 20 25

Kilometres 0 10 20 30 40

Longitude East of Greenwich.

SIBERIA

SCALE 1 : 14,000,000

SIBERIA

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
6000	19686
4000	13124
3000	9843
2000	6562
1500	4921
1000	3281
500	1640
200	656
Sea Level. Land Depression	
183	100 Fathoms

The Heights engraved on the Map are in English Feet.

Scale 1:14000000

English Miles 0 50 100 200 300 400 500

Kilometres 0 50 100 200 300 400 500 600 700 800

ARCTIC OCEAN

BARENTS SEA

KARA SEA

NORDENSKIÖLD SEA

BERING SEA

SEA OF OKHOTSK

SEA OF JAPAN

YELLOW SEA

CASPIAN SEA

Nicholas II Land

Taimyr Peninsula

Byrranga Hills

Yalmal Peninsula

Tazovsk District

Yenisei Mts

Verkhoyansk Mts

Orulgan Mts

Stanovoi Mts

Kolyma Mts

Anadyr Mts

Gulf of Anadyr

Gulf of Penzhina

Gulf of Shelikhov

Gulf of Ob

Gulf of Yenisei

Gulf of Obdorsk

Gulf of Tas

Gulf of Ob

Aldan Plateau

Vitim Plateau

Yablonoi Mts

Khingan Mts

Kentei Mts

Tarim Basin

Takla Makan Desert

Ala-shan

Ordos

Inner Mongolia

Eastern Turkestan

Western Siberian Plain

Central Siberian Plateau

Trans-Baikalia

Amur R.

Yenisei R.

Lena R.

Ob R.

Irtish R.

Kara Sea

Nordenskiöld Land

Franz Josef Land

Spitsbergen

West Spitsbergen

Nova Zemlya

Wrangel I.

St Lawrence I.

St Matthew I.

New Siberian Islands

Sakhalin or Karafuto

Vladivostok

Nikolaevsk

Khabarovsk

Blagoveshchensk

Irkutsk

Krasnoyarsk

Tomsk

Omsk

Yeniseisk

Tobolsk

Archangel

Petchora R.

Mezen R.

Dwina R.

Onega L.

Ladoga L.

Gulf of Bothnia

White Sea

Kola Peninsula

Finland

Sweden

Norway

Russia in Europe

Russia in Asia

Persia

Afghanistan

Mongolia

China

Manchuria

Japan

Alaska

Prince of Wales C.

Behring Str.

Diomede Is.

Cape Dezhnev

Cape Chelyuskin

Cape Severo

Cape Taimyr

Cape Olenek

Cape Yakan

Cape Lopatka

Cape Shelagski

Cape Navarin

Cape Kamenny

Cape Baranov

Cape Aniva

Cape Patience

Cape Crillon

Cape Terpeniya

Cape Lazarev

Cape Elizabeth

Cape Nassau

Cape Zhelaniya

Cape Flora

Cape Fligely

Cape Mary Harmsworth

Cape Buchan

Cape Barrow

Cape Kellett

Cape Wrangel

Cape Schmidt

Cape Serdtse Kamen

Cape Yuri

Cape Kamenny

Cape Shmidt

Cape Chaplino

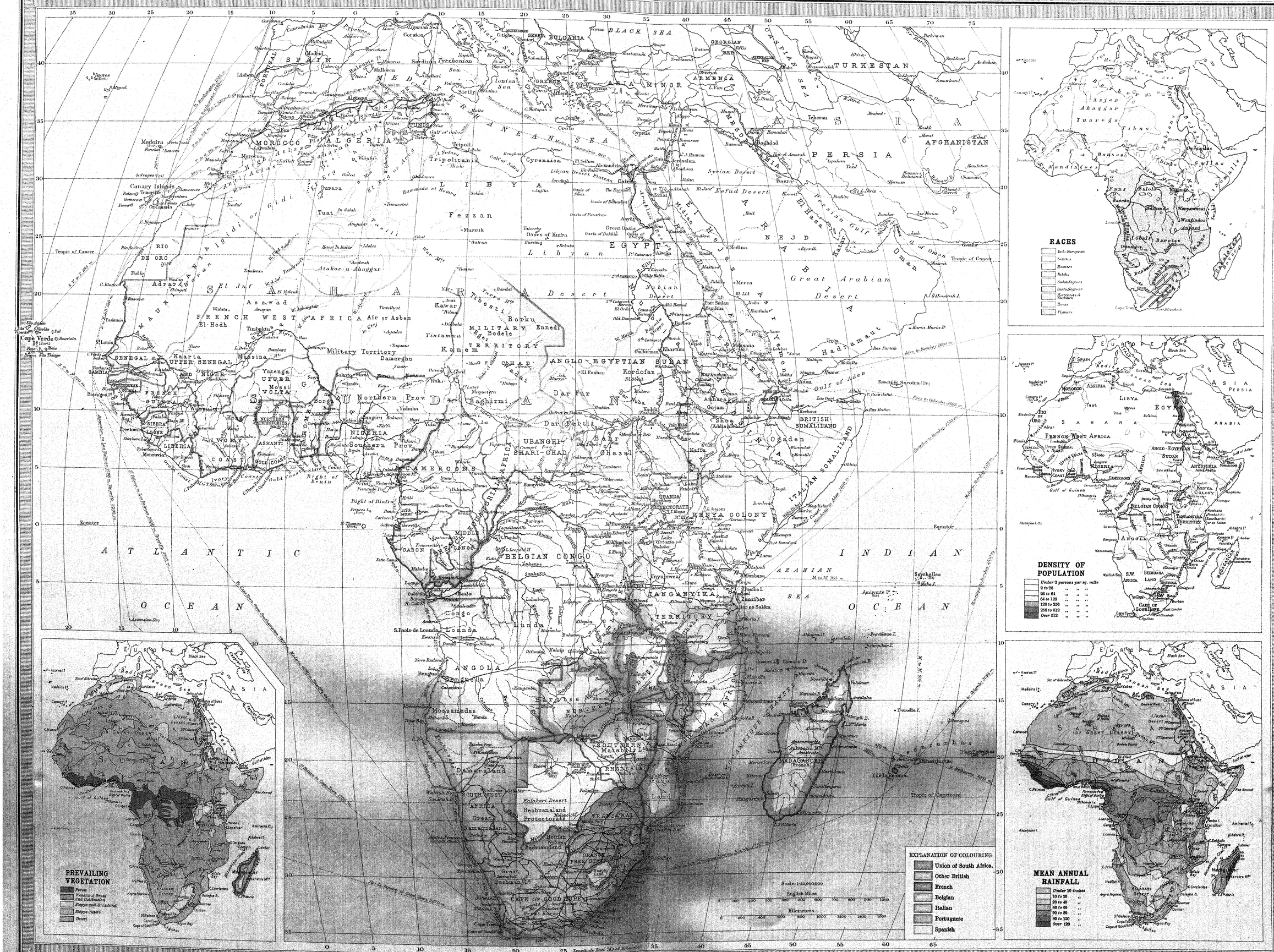
Cape Dezhnev

Cape Olyutor

AFRICA

Political Map

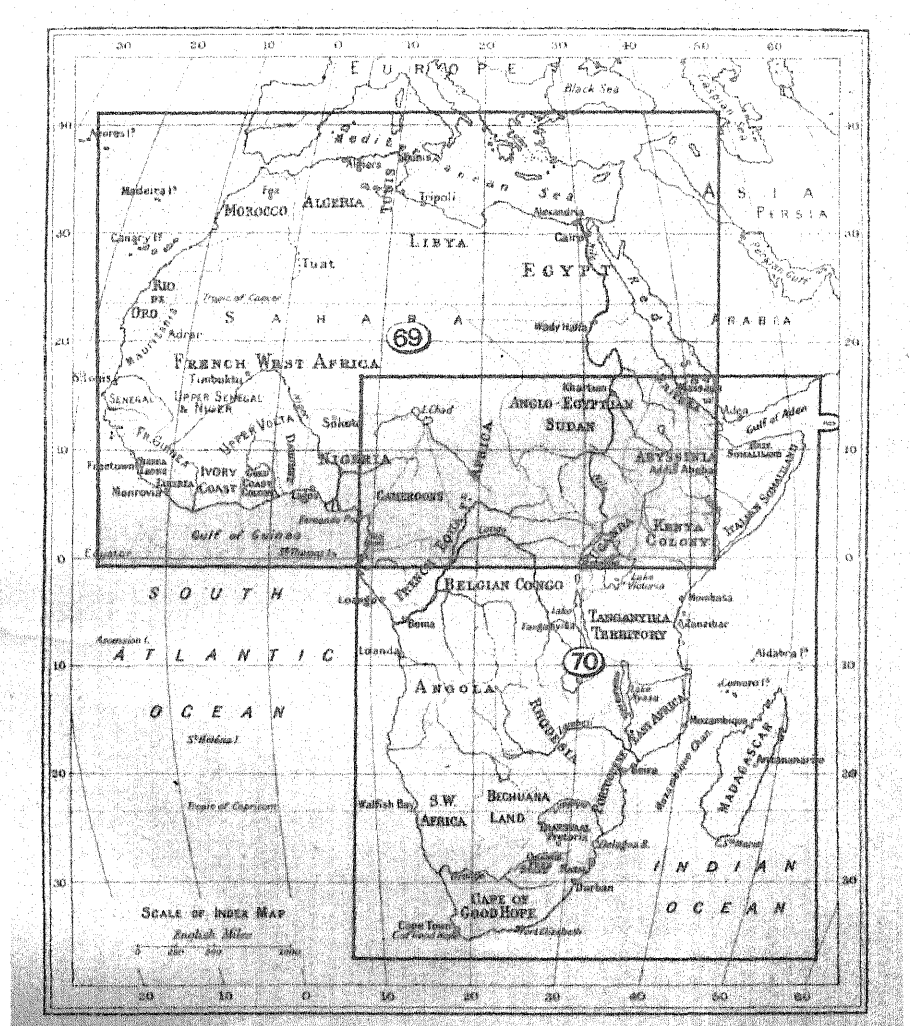
AFRICA - POLITICAL



THE EDINBURGH GEOGRAPHICAL INSTITUTE

NORTHERN AFRICA

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AFRICA

ON SCALE OF 1 : 12,000,000

NORTHERN AFRICA

EXPLANATION OF ORDOGRAPHICAL COLOURING

Scale 1:12000000

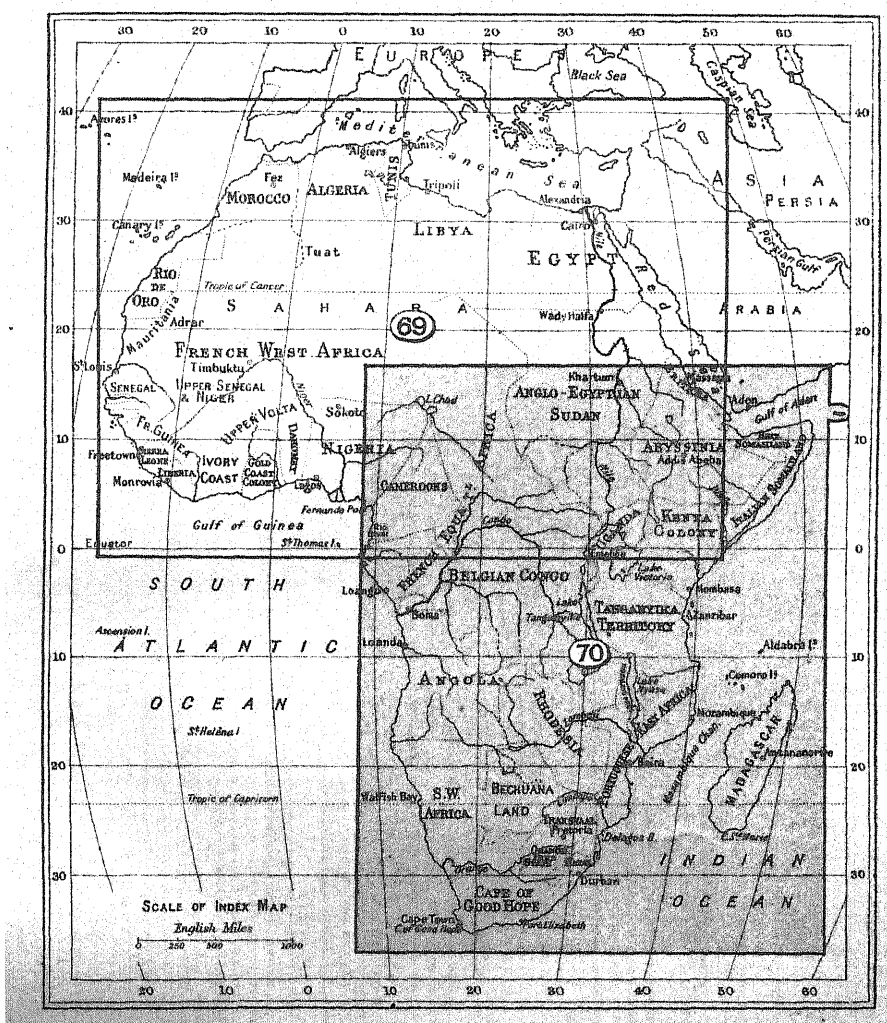
The Heights expressed on the Map are in English Feet.

Longitude West of Greenwich

Longitude East of Greenwich

CENTRAL & SOUTHERN AFRICA

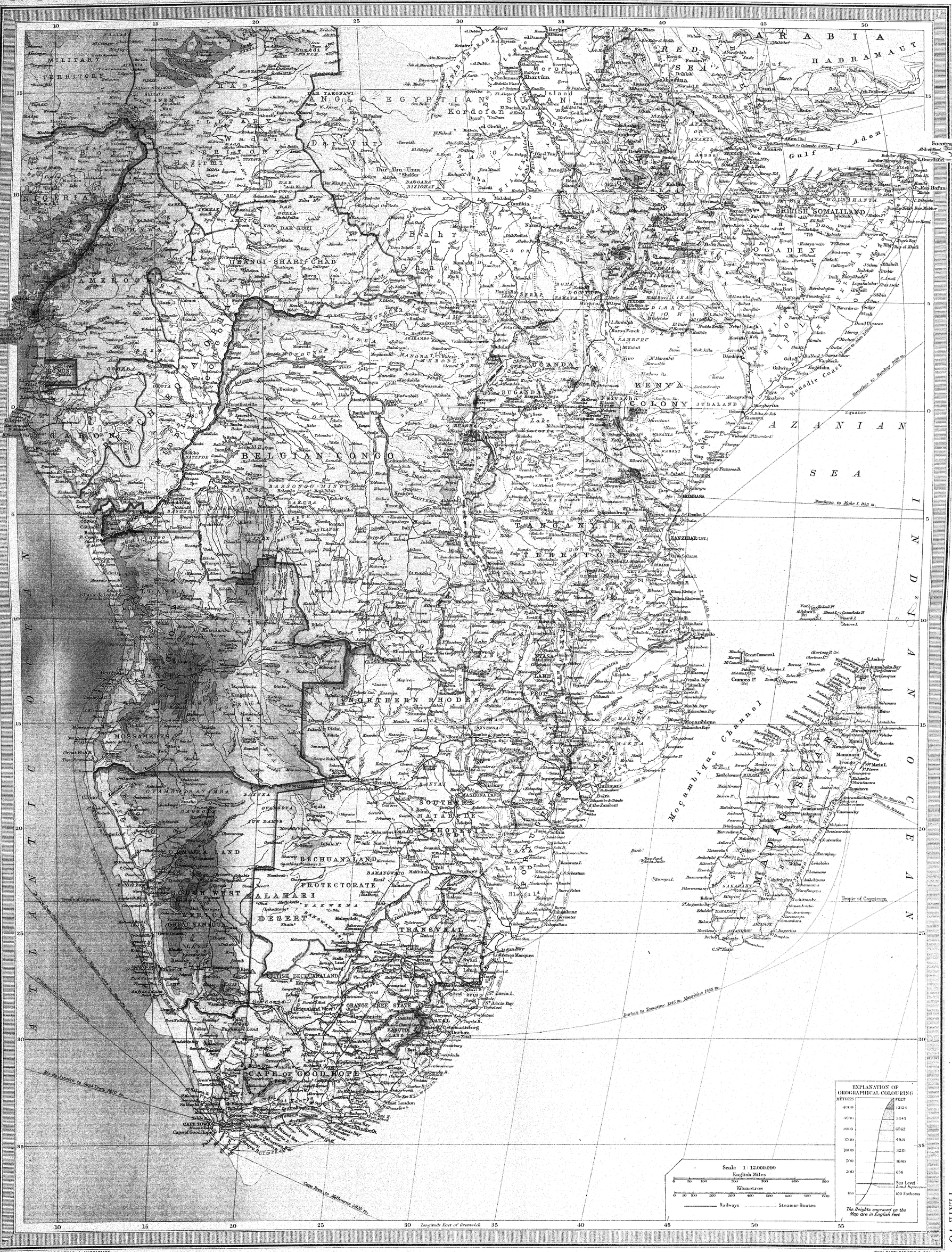
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AFRICA

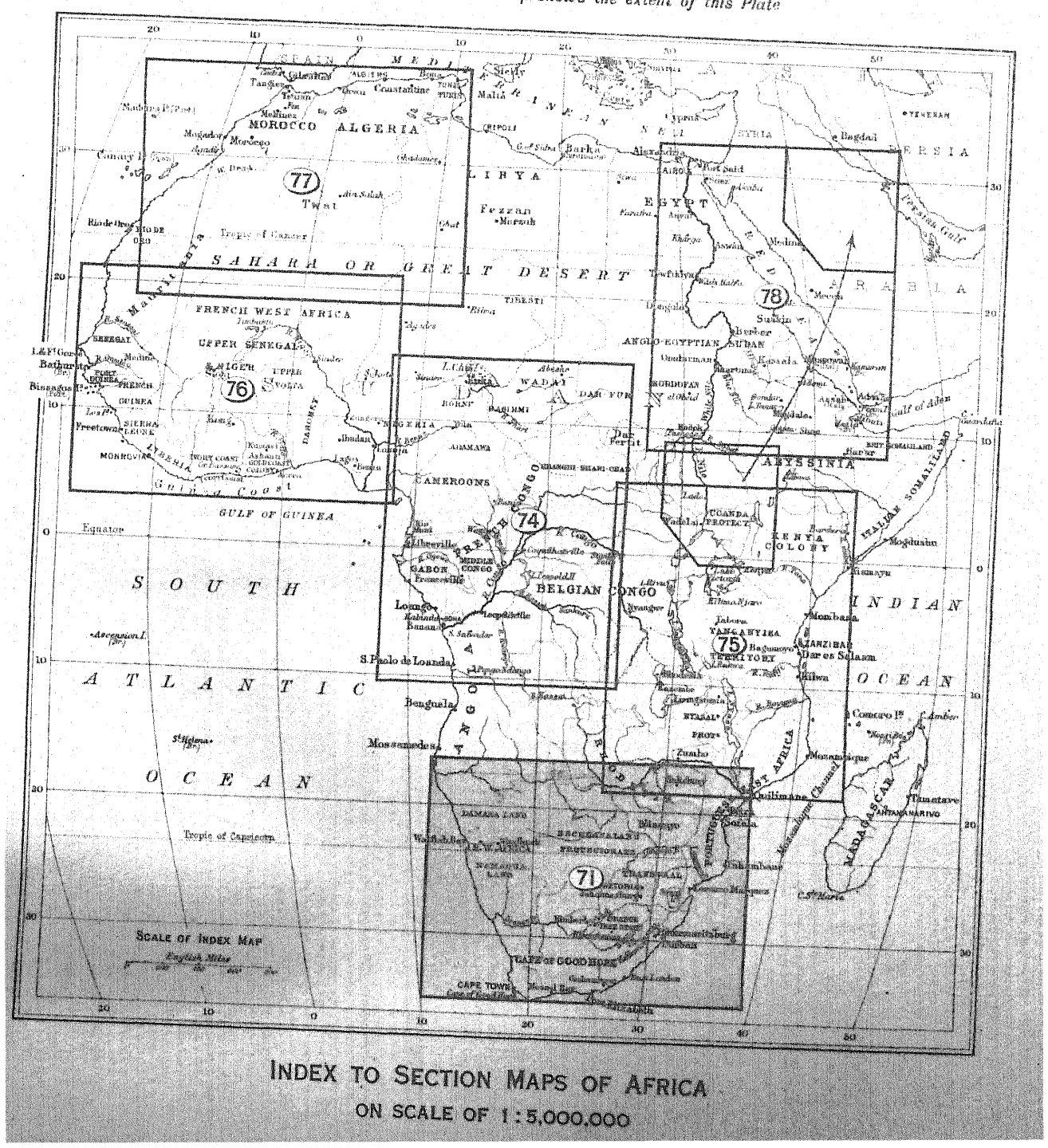
ON SCALE OF 1 : 12,000,000

CENTRAL & SOUTHERN AFRICA



SOUTH AFRICA

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AFRICA

ON SCALE OF 1 : 5,000,000

SOUTH AFRICA

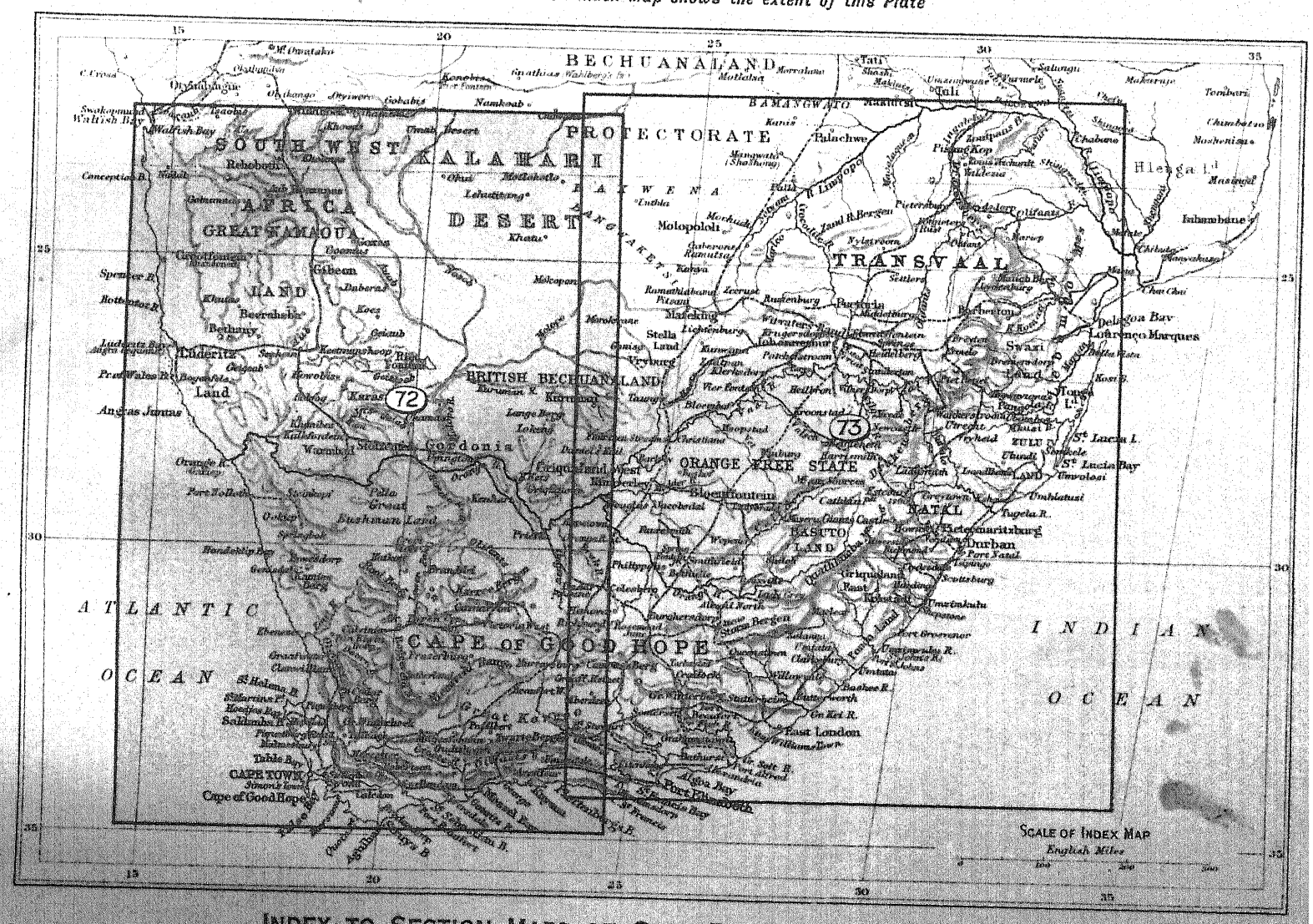
Continued on Map 75

ANGOLA
AMBOLAND
OVAMPO
NORTHERN RHODESIA
BASUBIA
MAIVE
WANKIE
SEBUNGWE
LOMAGUNDI
DARWIN
MAZOE
MTOKO
MREWA
SALISBURY
HARTLEY
GATOOMA
MAKONDELLAS
MAKONI
UMTALI
INYANGA
MASHONALAND
SOUTHERN RHODESIA
MATABELELAND
COMPANHIA MOCAMBIQUE
BEIRA
SOFALA
GUTU
SELUKWE
GWELO
NYAMANDHLOVU
VICTORIA
GEORGE
MELSETTER
NDANGA
INSIZA
BULAWAYO
UMGINGWANE
MATOPO
MATOPO
BELINGWE
GWANDA
CHIBI
Khamas
Country
BECHUANALAND PROTECTORATE
BAMANGWATO
KALAHARI
RESERVE
DESERT
BAKWENA
Sebele's Country
BAKHATLA
BANGWAKETSE
WATERBERG
ZOUTPANSBERG
PIETERSBURG
TRANSVAAL
MARICO
RUSTENBURG
PRETORIA
MIDDELBURG
LYDENBURG
LOURENÇO MARQUES
INHAMBANE
GAZA
MARQUES
BRITISH BECHUANALAND
KURUMAN
GORDONIA
GRIQUALAND WEST
KENHART
Little Namaqua land
Great Namaqua land
Little Bushman Land
Great Bushman Land
GREAT NAMAQUA LAND
SOUTH WEST
DAMARALAND
Windhoek
Rehoboth
Walfish Bay
Port Nolloth
Springbok
NAMAQUA LAND
Warmbad
Keetmanshoop
Bethany
Rietmansbosh
Tiras
Hauam Plateau
Gibeon
Gobabis
Omaruru
Okahandya
Otavi
Grootfontein
Tsumeb
Nanutoni
Okaukuejo
Namutoni
Etosha Pan
Outjo
Omaruru
Waterberg
Otyo
Omaheke
Omuramba
Omatako
Ovampo
Ovamboland
Humbe
Benguella
Mossamedes to Pembamarca 600 m.
Tropic of Capricorn
ATLANTIC
OCEAN
INDIAN
OCEAN
CAPE PROVINCE
NATAL
ORANGE FREE STATE
BASUTOLAND
WITTEBERGEN
DRAKENSBERG
MAIN KING
LICHTENBURG
VRYBURG
POTCHEFSTROOM
KLERKSDORP
VENTERSDORP
WOLMARANSTAD
BLOEMHOF
HOOPSTAD
WINBURG
BOSHOF
KIMBERLEY
HERBERT
HOPETOWN
PRIESKA
VICTORIA WEST
PRINCE ALBERT
CARNARVON
CALVINIA
FRASERBURG
BEAUFORT WEST
SUTHERLAND
CRADOCK
GRAAFF REINET
ADELAIDE
ALBANY
SOMERSET
PORT ELIZABETH
UITENHAGE
GRAHAMSTOWN
KING WILLIAMSTOWN
ALICE
BUTTERWORTH
QUEENSTOWN
ALIWAL
HERSCHEL
ALEXANDRA
ELLIOTT
MOUNT FLETCHER
MOUNT AYLIFF
KOKSTAD
UMZIMKULU
UMZIMVUBU
UMTATA
TEMBULAND
PONDOLAND
EAST GRIQUALAND
GRIQUALAND WEST
MAFEKING
VRYBURG
TAUNG
KURUMAN
BARKLY WEST
DUTOITSPAN
KIMBERLEY
BLOEMFONTEIN
WINBURG
BOSHOF
HOOPSTAD
KROONSTAD
LINDLEY
HEILBRON
VREDEFORT
VREDE
FRANKFORT
HEIDELBERG
VEREENIGING
VANDERBIJLPARK
VEREENIGING
JOHANNESBURG
KRUGERSDORP
RANDFONTEIN
PRETORIA
SPRINGS
BENONI
BOKSBURG
GERMISTON
EDENVALE
ALBERTON
GERMISTON
PRETORIA
MIDDELBURG
LYDENBURG
WITBANK
BRONKHORSTSPRUIT
CULLINAN
PORTUGUESE
SWAZILAND
BARBERTON
KAAPMUIDEN
KOMATIPOORT
LOURENÇO MARQUES
INHAMBANE
GAZA
MARQUES
INHAMBANE
BEIRA
SOFALA
CHIMOIO
MACEQUECE
QUILIMANE
CHINDE
ZAMBESI
SHIRE
LAKE NYASSA
TANGANYIKA
LAKE BANGWEOLO
LUAPULA
LUANGWA
LOANGWA
KAFUE
KAFUE RIVER
KAFUE RESERVE
KAFUE FLATS
KAFUE HILLS
KAFUE GORG

CAPE PROVINCE, TRANSVAAL, &c.

WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CAPE PROVINCE, TRANSVAAL, &c.

ON SCALE OF 1 : 2,500,000

CAPE PROVINCE, TRANSVAAL, &c.-WESTERN SECTION

BECHUANALAND PROTECTORATE

KALAHARI DESERT

Tropic of Capricorn

Umab Desert

SOUTH WEST AFRICA

GREAT NAMAQUA

KARA GEI KHOIS

BARALONG

BARWARI

BRITISH BECHUANALAND

KURUMAN

GORDONIA

KENHART

GRIQUALAND WEST

NAMAQUA Bushman Land

Great Namaqua Land

Little Namaqua Land

Tea Grass (No Water)

Sand

Sand

Sand

Plateau

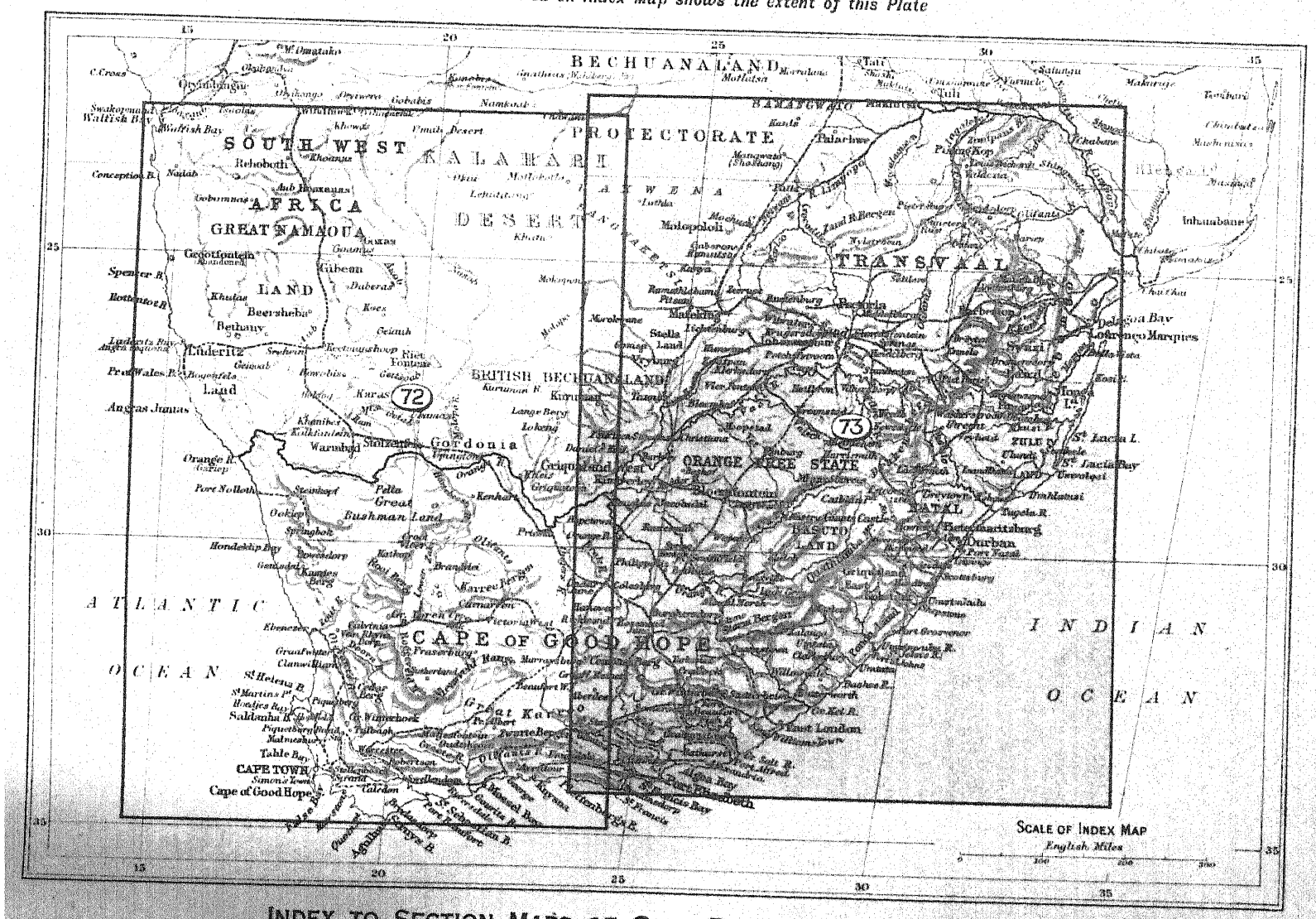
Plateau

Plateau

CAPE PROVINCE, TRANSVAAL, &c.

EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CAPE PROVINCE, TRANSVAAL, &c.

ON SCALE OF 1 : 2,500,000

CAPE PROVINCE, TRANSVAAL, &c.-EASTERN SECTION

BECHUANALAND PROTECTORATE

KALAHARI DESERT

RHODESIA

ZOUTPANSBERG

PIETERSBURG

WATERBERG

RUSTENBURG

TRANSVAAL

LYDENBURG

MARICO

BARALONG

MAFEKING

PRETORIA

MIDDELBURG

CAROLINA

LICHTENBURG

POTCHEFSTROOM

HEIDELBERG

BETHAL

ERMELO

SWAZILAND

WOLMARANSTAD

VRYBURG

KLERKSDORP

VEREENIGING

VREDEFORT

HEILBRON

FRANKFORT

VILLIERS

HARRISMITH

UTRECHT

NEWCASTLE

VRYHEID

ZULULAND

ORANGE FREE STATE

GRIQUALAND WEST

KIMBERLEY

HERBERT

TAUNG

HOPETOWN

BRITSTOWN

HARTSWATER

HERSCHEL

ALIWAL NORTH

BARKLY EAST

WODEHOUSE

STEYNSBURG

ALBERT

QUEENSTOWN

ELLIOT

RICHMOND

SMITHFIELD

BETHLEHEM

SMITH

DUNDEE

GLENCOE

KLIP RIVER

LADYSMITH

WEENEN

ESTCOURT

UMVOTI

NEW HANOVER

UMSINGA

LION'S RIVER

GREYTOWN

KRANTZKOP

UMZIMKULU

UMZIMVUBU

LUSIKISIKI

EAST GRIQUALAND

WEST GRIQUALAND

KOKSTAD

MATATIELE

MOUNT AYLIFF

MOUNT FREDERICK

MOUNT FLETCHER

TABANKULU

BIZANA

EAST GRIQUALAND

WEST GRIQUALAND

TEMBULAND

DUTATA

EMBOLENI

PORT GROSVENOR

PORT S. JOHNS

UMTATA

KENTANI

KOMGA

WILLOWVALE

WILLOWVALE

KING WILLIAMS TOWN

EAST LONDON

DUNDEE

CATHCART

STUTTERHEIM

ALICE

FORT BEAUFORT

ADELAIDE

BEDFORD

SOMERSET EAST

GRAAFF REINET

ABERDEEN

MURRAYSBURG

CRADOCK

MIDDELBURG

COLESBERG

NOUPOORT

PHILIPSTOWN

HANOVER

RICHMOND

PRINCE ALBERT

LAINGSBURG

WILLOWMORE

UNIONDALE

HUMANSDORP

KAREEBERG

KAMMANGA

KNYSNA

PLETTENBERG BAY

PORT ELIZABETH

ALGOA BAY

PORT ELIZABETH

DURBAN

BAY OF ADDINGTON

NATAL

Salisbury Island

INDIAN OCEAN

Durban to Bolanga 895 Miles

St Brannocks 4350 to Adelaide 5100 Miles

Port Elizabeth to Durban 351 Miles

East London to Durban 263 Miles

Cape Town to Durban 720 Miles

Districts in vicinity of Johannesburg
1. Johannesburg 2. Germiston 3. Boksburg

Scale 1:2,500,000

English Miles

Kilometres

Roads

EXPLANATION OF OROGRAPHICAL COLOURING

METRES / FEET

2439 8000
1829 6000
1524 5000
1219 4000
914 3000
609 2000
304 1000
Sea Level
183 600 Fathoms

PORT ELIZABETH

Scale 1:42,240

DURBAN

Scale 1:42,240

Longitude East 27 of Greenwich

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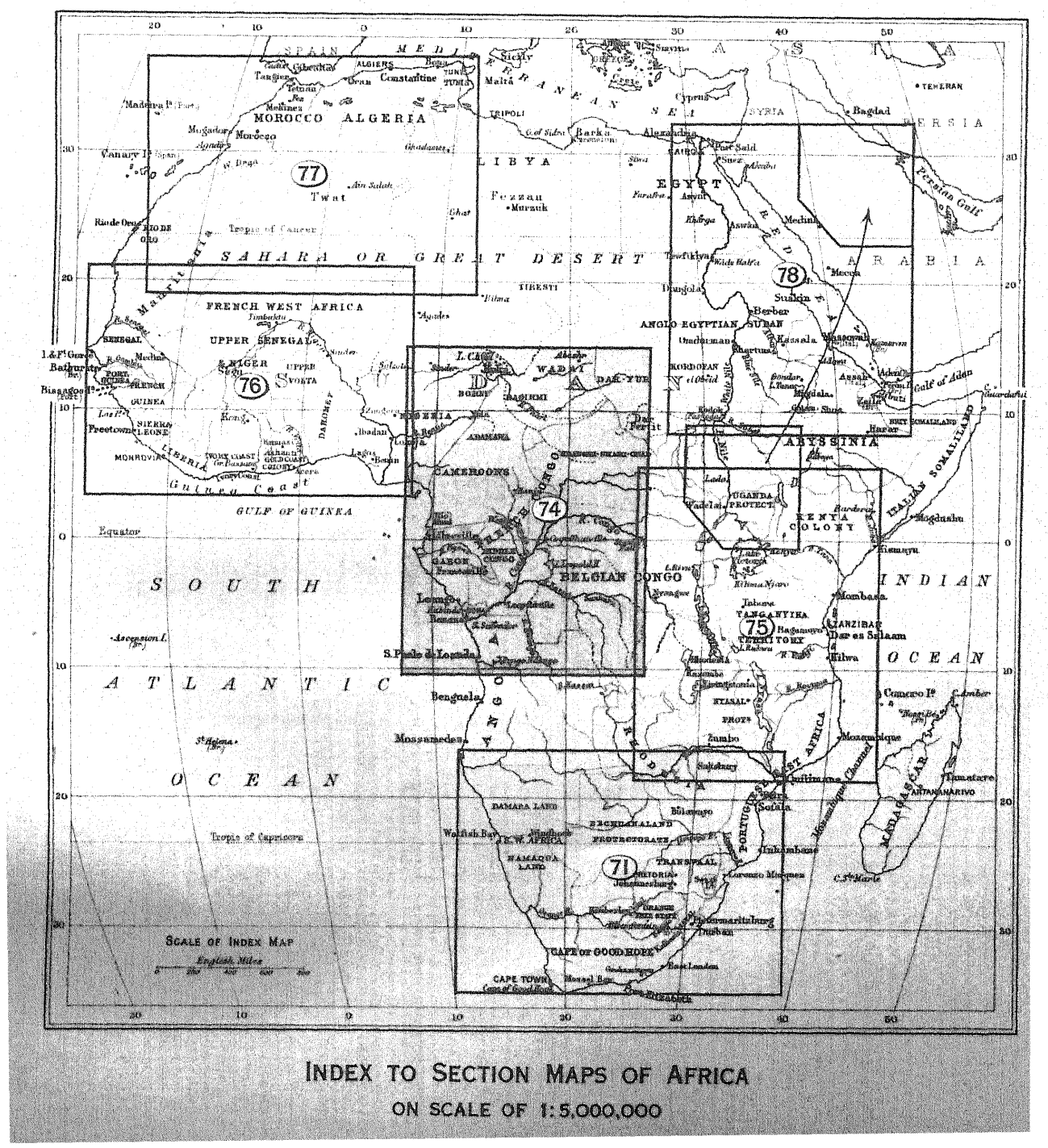
CENTRAL AFRICA—WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate


SPAIN
MEDITERRANEAN SEA
MOROCCO
ALGERIA
LIBYA
EGYPT
ARABIA
PERSIA
SYRIA
77
Twat
SAHARA OR GREAT DESERT
FRENCH WEST AFRICA
UPPER SENEGAL
NIGER
76
GUINEA
SIERRA LEONE
LIBERIA
Guinea Coast
GULF OF GUINEA
ABYSSINIA
78
ANGLO EGYPTIAN SUDAN
Khartoum
Kassala
Berber
Suakin
Mecca
Medina
Aden
Gulf of Aden
RED SEA
Persian Gulf
WADAI
BORNU
BAGIRMI
ADAMAWA
CAMEROONS
74
BELGIAN CONGO
Equator
SOUTH ATLANTIC OCEAN
INDIAN OCEAN
UGANDA PROTECT.
KENYA COLONY
ITALIAN SOMALILAND
Mogdasha
Mombasa
ZANZIBAR
TANGANYIKA TERRITORY
75
Dar es Salaam
Mikwa
Benguela
S. Paulo de Loanda
Mossamedes
Zumbo
Mozambique
Comoro Is.
Tamatave
ANTANANARIVO
MADAGASCAR
PORTUGUESE EAST AFRICA
Quilimane
Sofala
Umtali
Umtali
Umtali

CENTRAL AFRICA – WESTERN SECTION

Continued on Map 75

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
4000	13124
3000	9843
2000	6562
1500	4921
1000	3281
500	1640
200	656
	Sea Level
183	100 Fathoms

The Heights engraved on the Map are in English Feet

Scale 1: 5,000,000

English Miles 0 20 40 60 80 100 150 200

Kilometres 0 50 100 150 200 250 300

Railways — Steamer Routes

Submarine Cables

Longitude East of Greenwich

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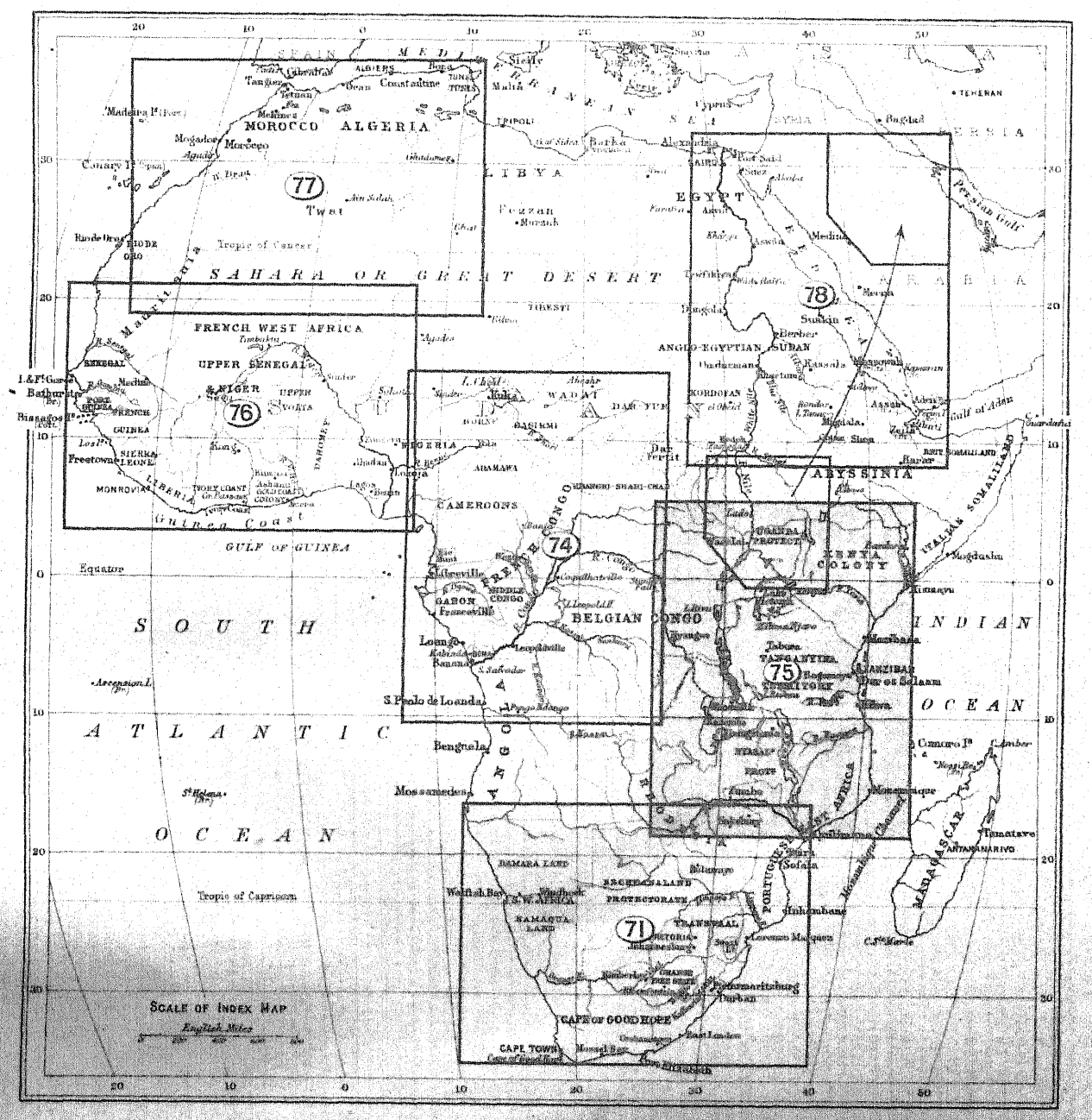
CENTRAL AFRICA—EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AFRICA

ON SCALE OF 1:5,000,000

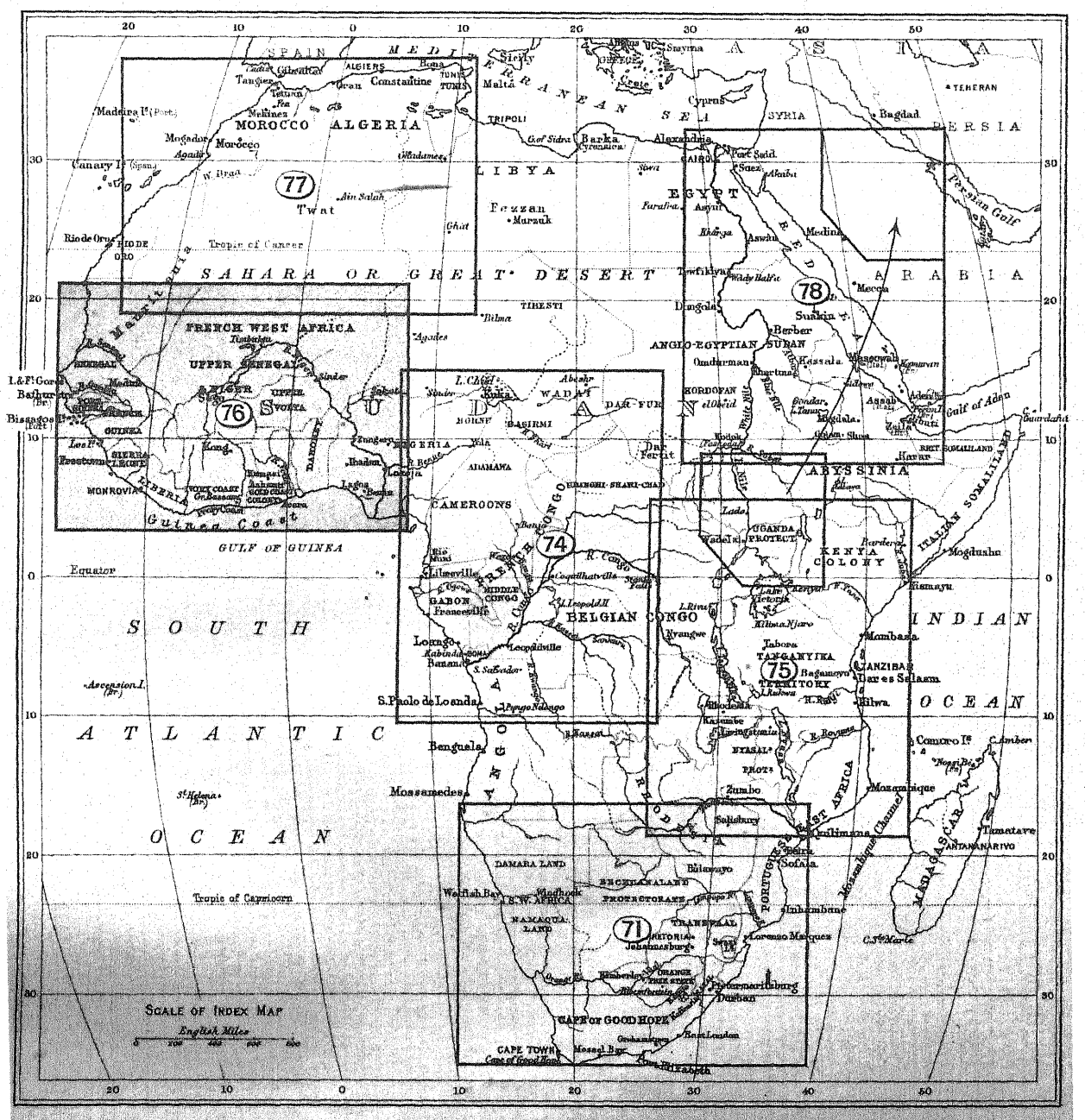
Continued on Inset, Map 78

CENTRAL AFRICA – EASTERN SECTION

ANGLO-EGYPTIAN SUDAN
ABYSSINIA
ITALIAN SOMALILAND
BELGIAN CONGO
NORTHERN RHODESIA
SOUTHERN RHODESIA
PORTUGUESE EAST AFRICA
TANGANYIKA TERRITORY
KENYA COLONY
NORTHERN FRONTIER PROVINCE
JUBALAND PROVINCE
WARDAI PROVINCE
MAANTHINLE PROVINCE
KARRAR
KARRIGO
KARAMOJO
TURKANA
SUK
BORAN
GALLA
RENDILE
SAMBURU
NYANZA PROVINCE
KISUMU
KERICHO
NAKURU
NAIVASHA
WASOL NAKUDA
WANDOROBE
TANALAND PROVINCE
KIKUYU PROVINCE
KAMBA PROVINCE
MASAI PROVINCE
MAU
ELGEYO
KAVIRONDO
BUGANDA
BUNYORO
TORO
ANKOLE
KIGEZI
RUANDA
URUNDI
BUKOBA
MWANZA
SUKUMA
SIKONGE
USINDY
UKEREWE
SPEKE GULF
LAKE VICTORIA
LAKE ALBERT
LAKE EDWARD
LAKE GEORGE
LAKE KIVU
LAKE TANGANYIKA
LAKE MWERU
LAKE BANGWEULU
LAKE NYASA
LAKE RUKWA
LAKE KIOGA
LAKE MOERO
LAKE KAMALONDO
LAKE KISALE
LAKE MWADINGUSHI
LAKE MWEMBA
LAKE TANGWE
LAKE CHILWA
LAKE CHIUTA
LAKE CHIRWA
LAKE AMARU
LAKE KAMPOLOMBO
LAKE KABWE
LAKE MWEMBELE
LAKE MWEMBA
LAKE KAMPUTA
LAKE KAMPEMBA

WEST AFRICA

The Shaded Area on Index Map shows the extent of this Plate

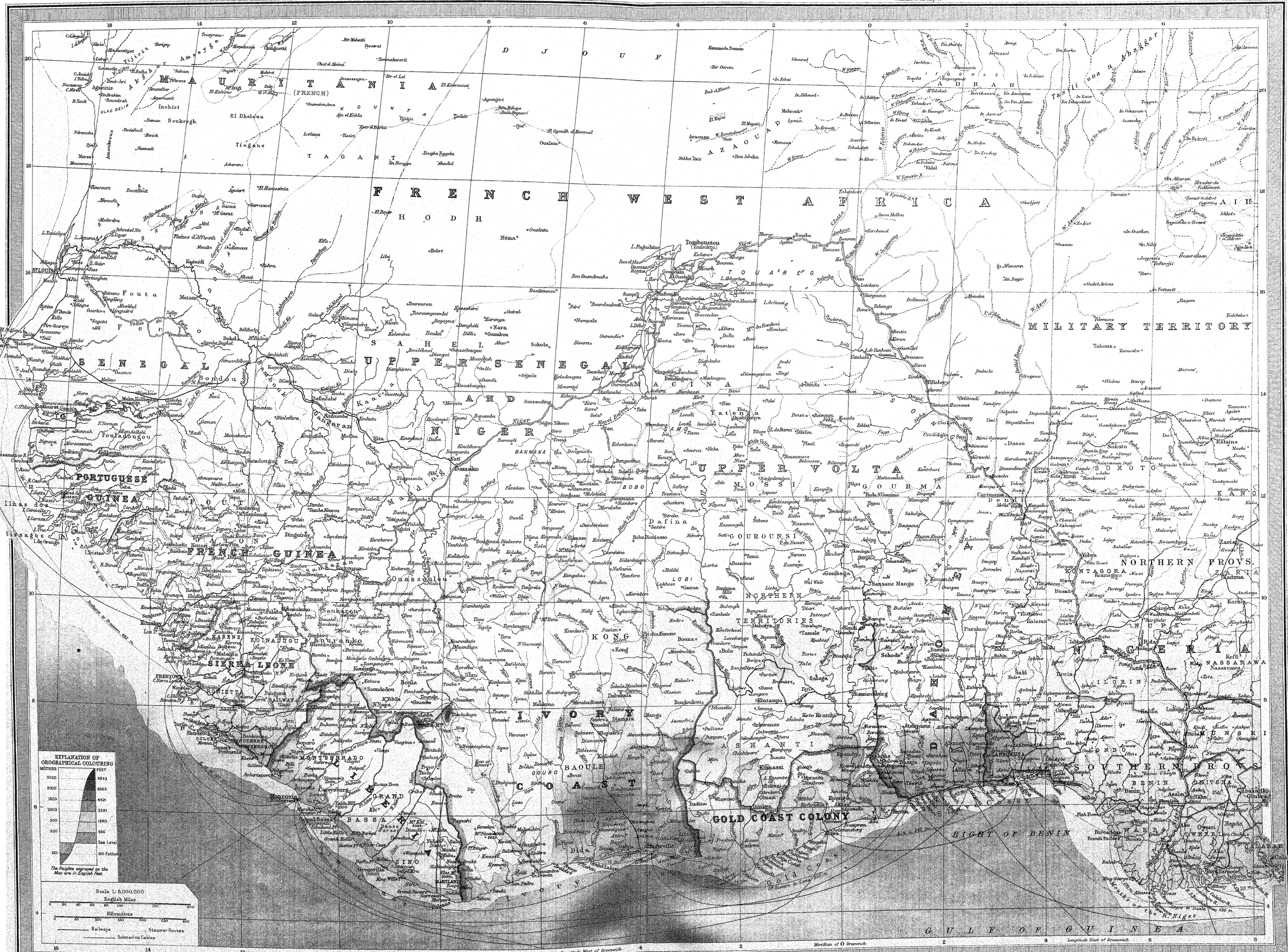


INDEX TO SECTION MAPS OF AFRICA

ON SCALE OF 1:5,000,000

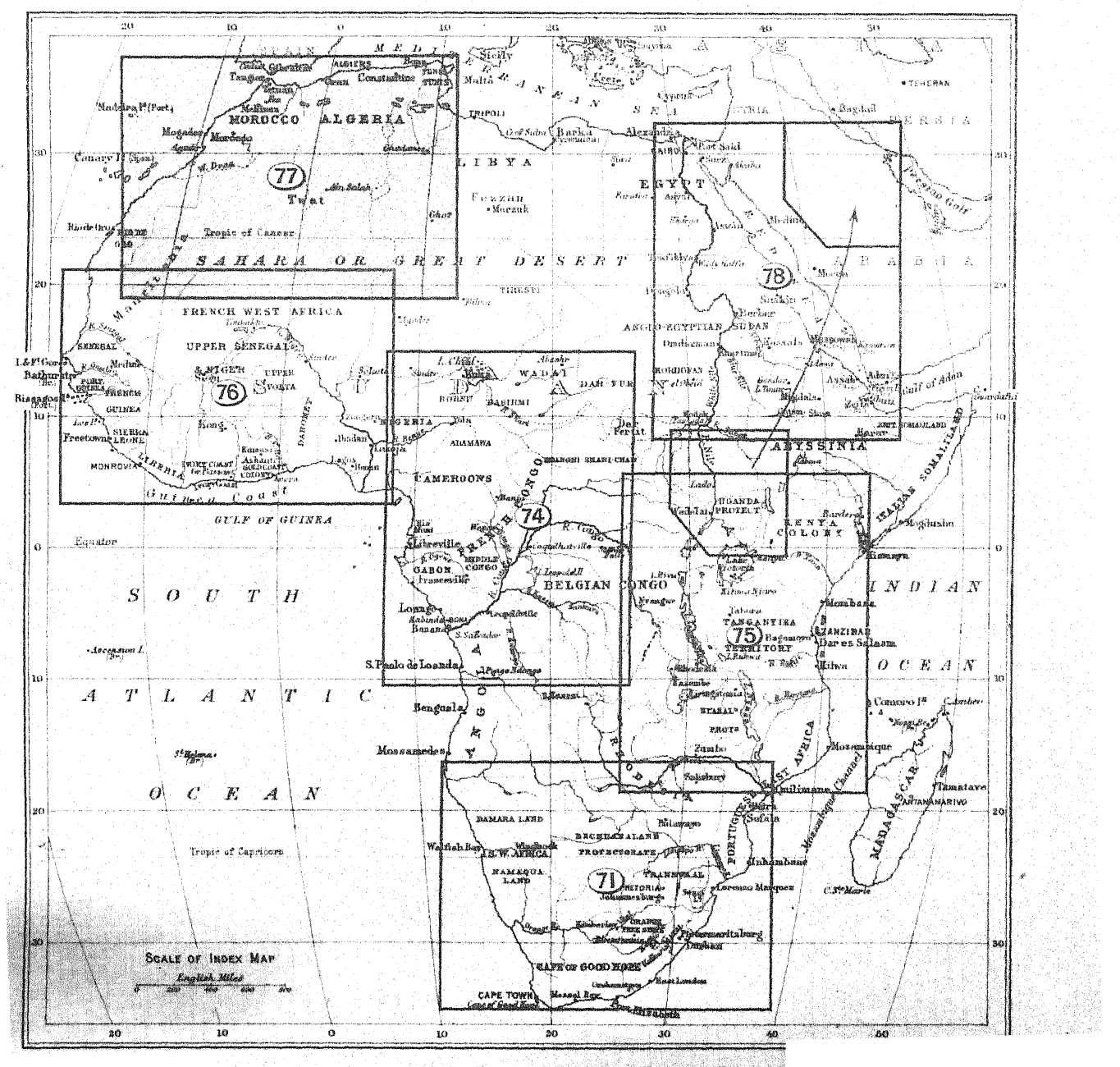
WEST AFRICA

Continued on Map 77


FRENCH WEST AFRICA
MILITARY TERRITORY
SENEGAL
UPPER SENEGAL AND NIGER
UPPER VOLTA
IVORY COAST
GOLD COAST COLONY
SOUTHERN PROVS.
NORTHERN PROVS.
NORTHERN TERRITORIES
ASHANTI
BAOULE
GOURO
MOSSI
GOURMA
DJOUF
AZAOUAD
TAGANT
HODH
AZAWAGH
ADRAR
AIR
MAURITANIA (FRENCH)
TOUAREG
SAHEL
MACINA
LOBI
BANMANA
SAMO
YATENGA
GOURONSI
DAFINA
KOUNTA
Tombouctou (Timbuktu)
Bamako
Ouagadougou
Timbo
Freetown
Monrovia
Accra
Kumassi
Sekondi
Cape Coast
Lagos
Abeokuta
Ibadan
Oyo
Ilorin
Sokoto
Kano
Zaria
Nassarawa
Katsina
Dosso
Niamey
Gao
Agadès
Tahoua
Zinder
Bilma
Agadem
Bilma Oasis
Ilhas dos Bissagos
PORTUGUESE GUINEA
FRENCH GUINEA
SIERRA LEONE
LIBERIA
GRAND BASSA
MONTSERRADO
SINOE
BASSA
GOLD COAST COLONY
NIGERIA
BIGHT OF BENIN
GULF OF GUINEA
Niger
Senegal
Gambia
Volta
Benue
Bandama
Cavally
Sassandra
Komoe
Tano
Ankobra
Pra
Volta Noire
Volta Rouge
Volta Blanche
Tchad
Chad
Faguibine
Debo
Horo
Kabara
Niger Bend
Mt. Klu 2260
Mt. Nimba 4840
Mt. Kakata 2500
Mt. Kabo 2500
Mt. Coffee 1500
Mt. Wologizi 1100
Mt. Tonkoui 1800
Mt. Loma 6000
Mt. Kakoulima 1800
Mt. Kakoulima 1800
Mt. Cameroon 13760
Mt. Clarence 10700
Mt. Fernando Po 9350
Pic Cabral 1800
Pic Baudouin 1800
Pic Mage 1800
Pic Bonnier 1800
Pic Gallieni 1800
Pic Archinard 1800
Pic Sergent 1800
Pic Lamy 1800
Pic Faidherbe

NORTH-WEST AFRICA

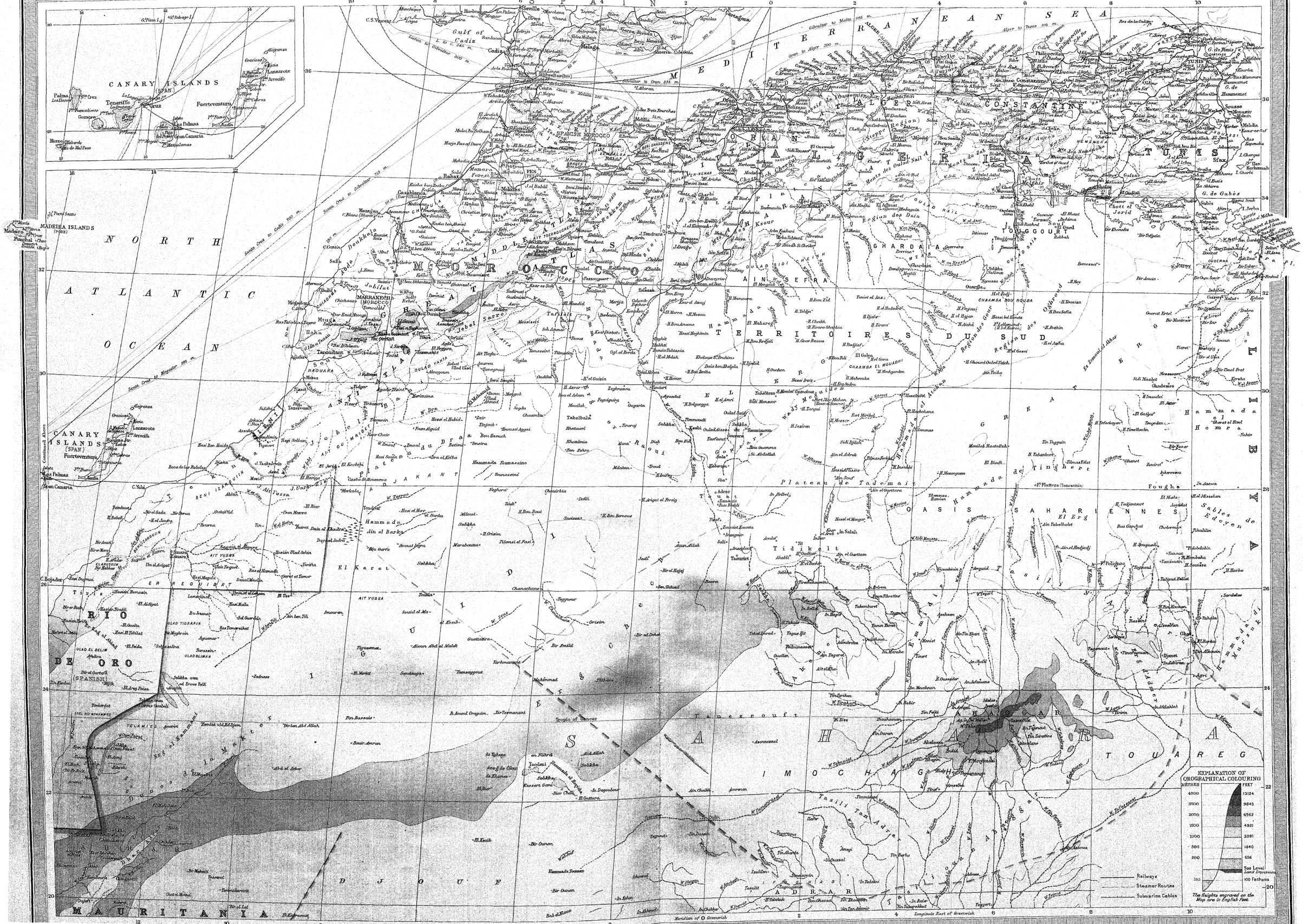
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AFRICA

ON SCALE OF 1:5,000,000

NORTH-WEST AFRICA



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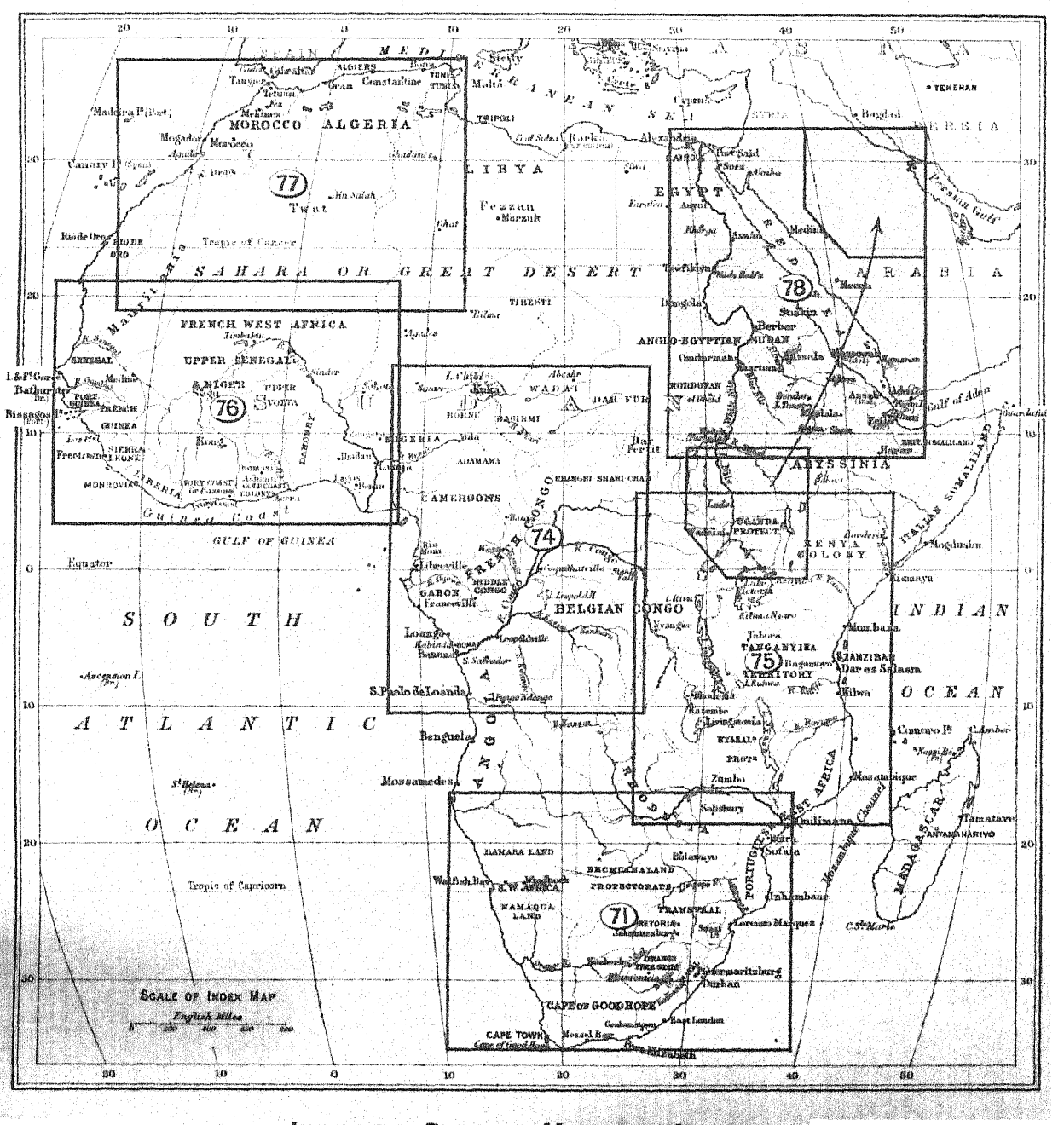
EGYPT AND THE NILE

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AFRICA

ON SCALE OF 1 : 5,000,000

EGYPT AND THE NILE

EXPLANATION OF OROGRAPHICAL COLOURING

METRES / FEET

4000 — 13124
3000 — 9843
2000 — 6562
1500 — 4921
1000 — 3281
500 — 1640
200 — 656
183 — Sea Level
Land Depression 100 Fathoms

The Heights engraved on the Map are in English Feet

Railways
Steamer Routes
Submarine Cables

CONTINUATION SOUTHWARD ON SAME SCALE

Continued on Map 75

Continued on inset-map

Longitude East of Greenwich

ALEXANDRIA
Scale 1:150000
0 1 Mile
0 1 2 3 Kilos
Depths in Fathoms

Scale 1:2500000
0 2 4 6 Miles
0 1 2 3 4 5 6 7 8 9 10 Kilos

Scale 1:5,000,000
English Miles 0 20 40 60 80 100 150 200
Kilometres 0 50 100 150 200 250 350

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LOWER EGYPT

SCALE 1 : 1,000,000

Environs of Cairo, Port Said, Suez

LOWER EGYPT

Scale 1 : 1,000,000
English Miles 0 5 10 20 30 40
Kilomètres 0 5 10 20 30 40
Cultivated Land
Desert
Railways
Light Railways

MEDITERRANEAN SEA
Rosetta Mouth
Bolbitinic Mouth
Damietta Mouth
Phatnitic Mouth
Bay of Abukir
Lake Edku
Lake Burullus
Lake Menzala
Lake Manzala
Lake Timsah
Lake Ballah
Lake Bitter
Great Bitter Lake
Little Bitter Lake
ALEXANDRIA (Iskenderiya)
Rosetta (Rashid)
Damietta (Dumyat)
Port Said
Suez
CAIRO
Heliopolis
Tanitic Mouth
Pelusian Mouth
Plain of Tina or Pelusium
Menzala
Katia
Balah Lakes
El Qantara
Es Sâlihiya
Ismailiya
El Ferdan
El Guisr
Serapeum
Gebel Geneffa or Gebel Ahmed Taher
Gebel Shalûfi
Gebel 'Ufwêbid
Gebel Dimeshq
Gebel Ataqa
Ataqa Plain
Gebel Ammuna
Gebel Gharâbin
Gebel el-Qatrani
Wâdy Farâgh
Wâdy Natrûn
Wâdy Rayân
Wâdy Senhûr
Wâdy Tarfa
Wâdy el Tih
Wâdy Hamrânt
Wâdy Makruq
Wâdy Gîrûl
Wâdy Gasûs
Plain of Senhûr
Region of the Dunes
HAWÂTÂT
THE FAYYUM
LAKE MOERIS
Gebel Nejîla
Gebel et-Tûkh
Gebel Shêkh Heridi
Gebel Abûsîr
Pyramids and Tombs of Abûsîr
Pyramids and Necropolis of Saqqâra
MEMPHIS
HELWÂN
Shimbâh
Island of Warâq
Mit Nâma
Mentaya
Bahtim
Mit Sâzd
Shubrâ
Matariya
Ain Shems
Sta.
Zeitun
Qubba Palace
Abbâsiya
Abdîn Palace
Gezîret el Ghezîra
Gezîret Mohammed
Warâq el Hadar
Warâq el 'Arab
Rashdi
Kôm Besîli
Embâba
Sakhâwi Station
Mit Dîsûk
Bûlâq
Gezîret Bûlâq
Bûlâq el Dakrûr
Zenain
Saft el Laben
Manshia
Kôti-Tahamues
Giza
Station
Sâqiyet Mâdi
Sâqiyet el Jemâli
Tâlibîya
Kôm el Awâred
Kôm el Khanzîr
Kôm el Ahmar
Kôm Besîli
Kôm Hesa
Kôm el Khalîg
Kôm el Ahmar Sta.
Kôm el Gîza
Kôm el Gharîb
Kôm el Gezîra
Kôm el Ghurâb
Kôm el Ahmar
Kôm el Khanzîr
Kôm el Ahmar

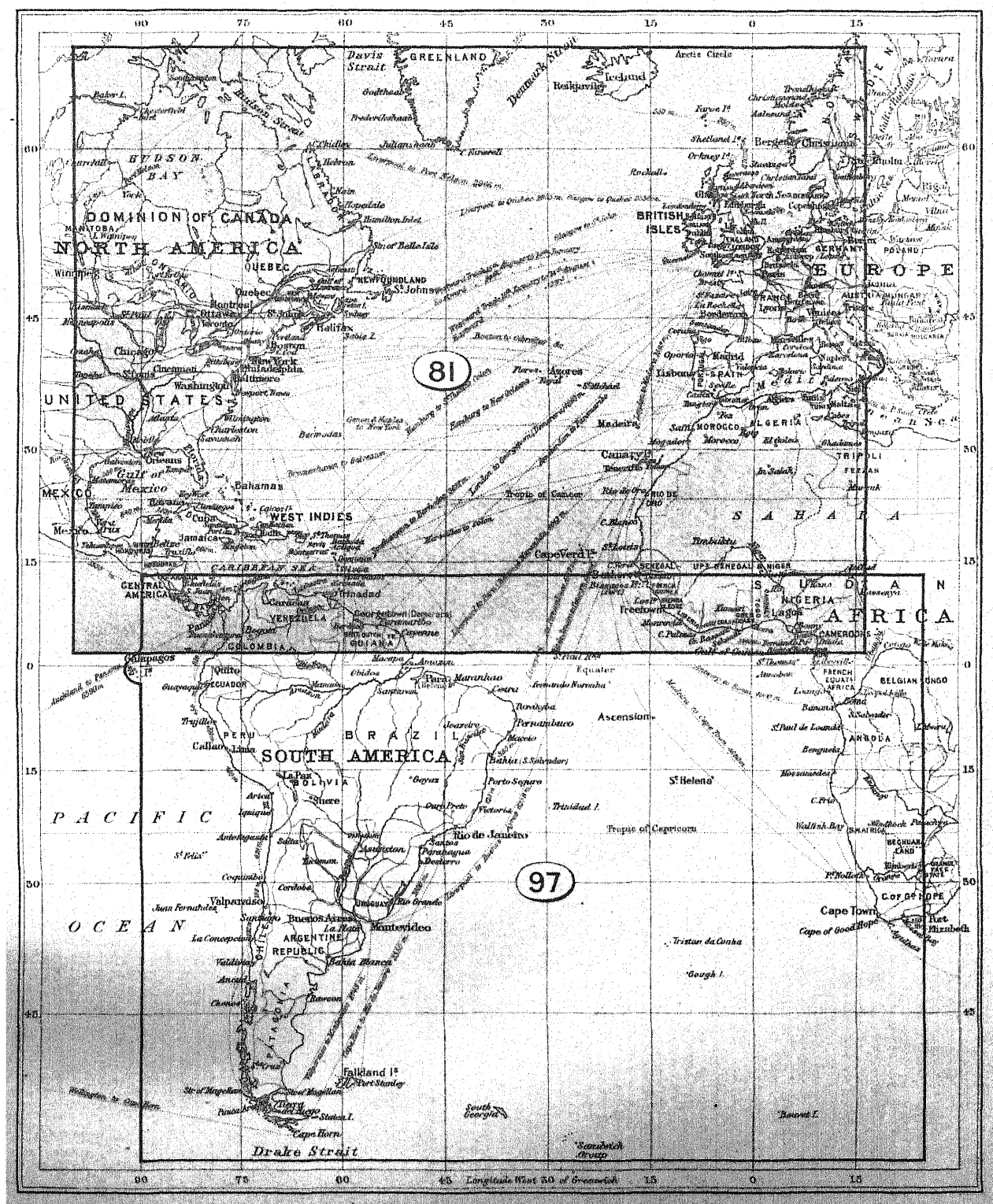
NORTH AMERICA

Political Map

NORTH AMERICA - POLITICAL

NORTH ATLANTIC OCEAN

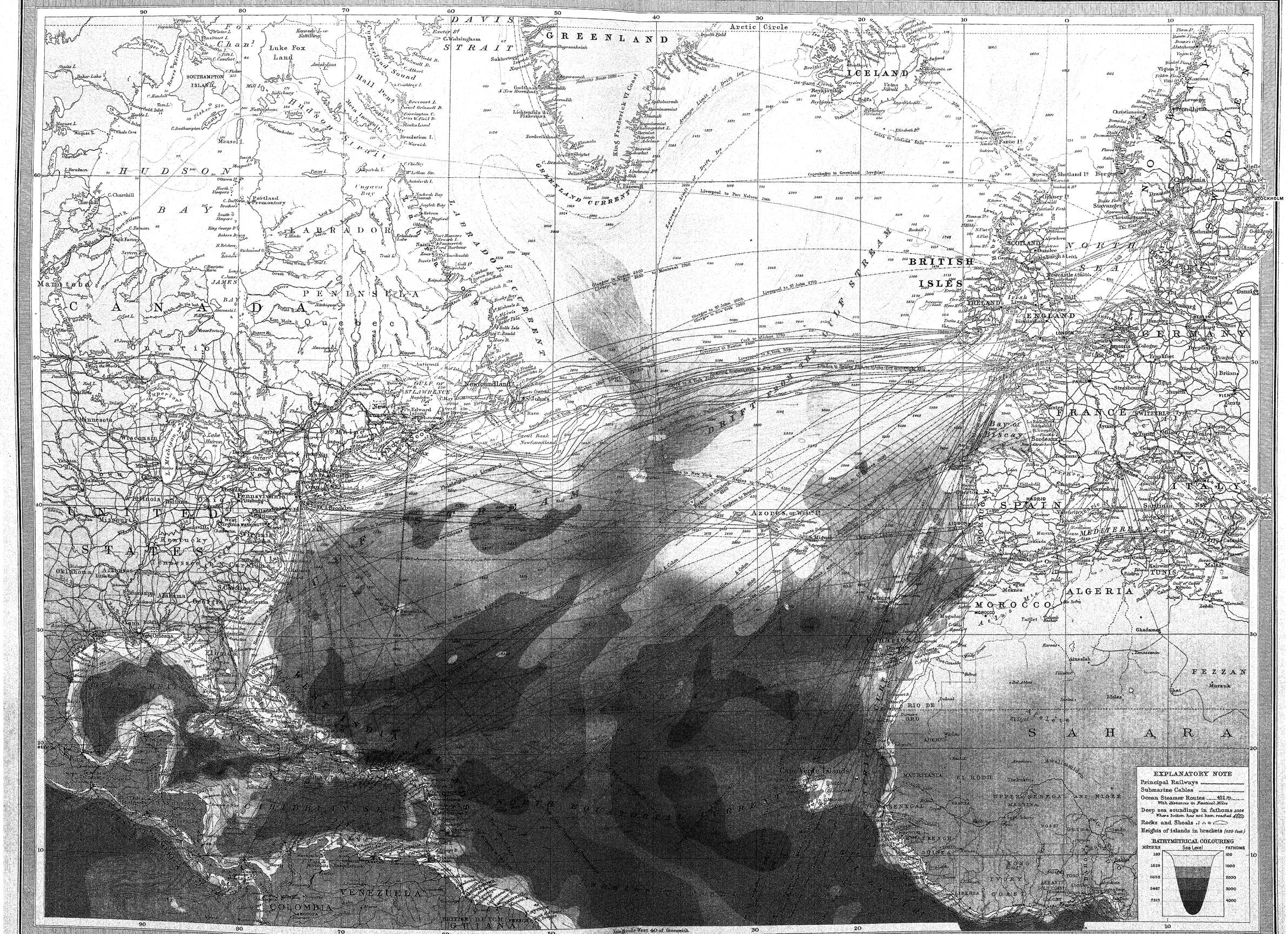
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE ATLANTIC OCEAN

ON MERCATOR'S PROJECTION

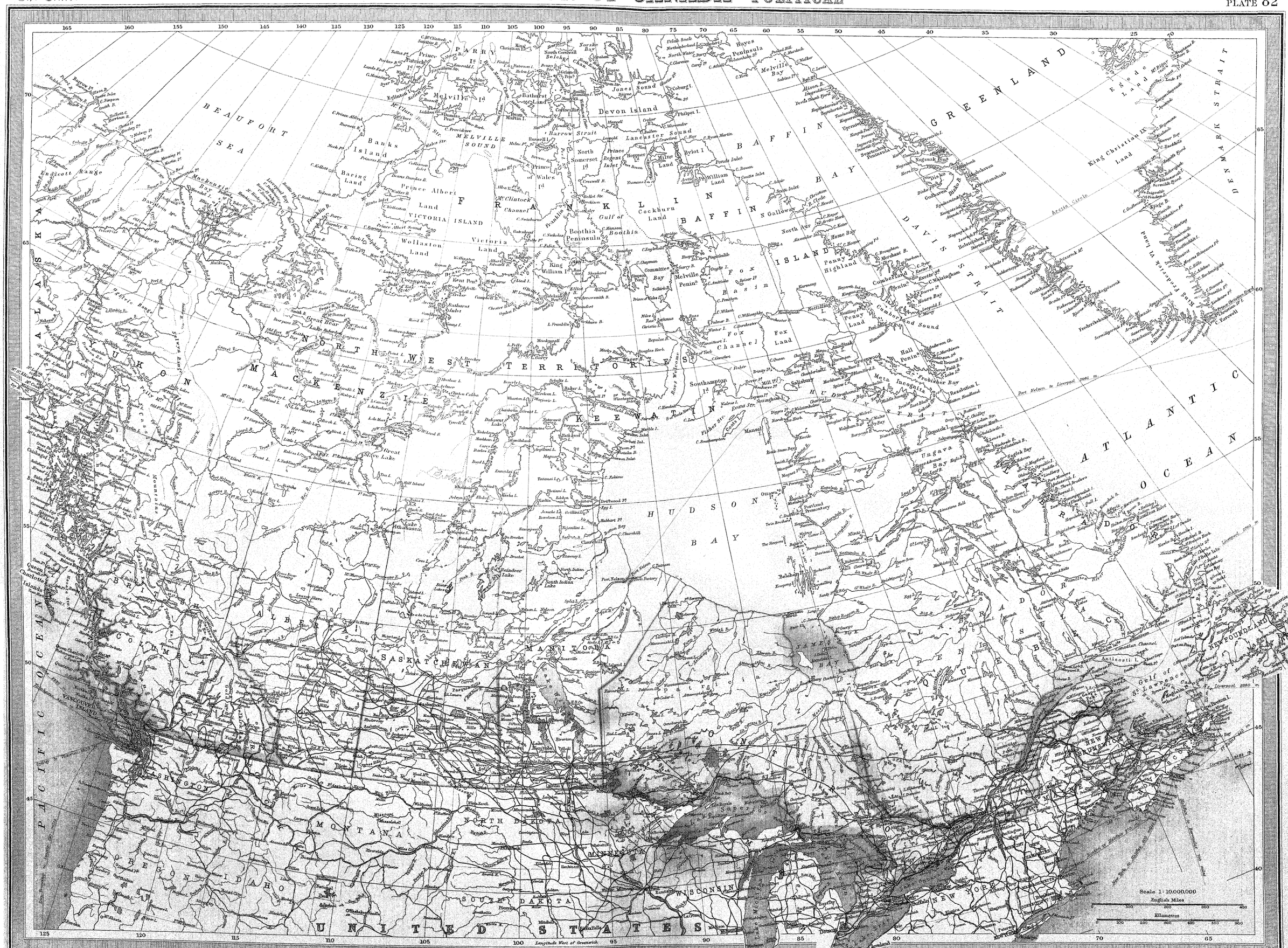
NORTH ATLANTIC OCEAN


DAVIS STRAIT
GREENLAND
Arctic Circle
ICELAND
Luke Fox Land
Fox Chan.
Hall Peninsula
Hudson Strait
HUDSON BAY
LABRADOR
CANADA
Manitoba
Ontario
Quebec
JAMES BAY
Mansel I.
Southampton Island
Resolution I.
Portland Promontory
Ungava Bay
Hudson Bay
Labrador Current
Greenland Current
Irminger Current
Gulf of St Lawrence
Anticosti I.
Newfoundland
Cabot Str.
Minnesota
Wisconsin
Michigan
Lake Huron
Lake Superior
Lake Ontario
UNITED STATES
Pennsylvania
Virginia
Kentucky
Tennessee
Missouri
Oklahoma
Arkansas
Mississippi
Alabama
Georgia
South Carolina
Louisiana
Florida
Gulf of Mexico
Bermuda Is
Caribbean Sea
VENEZUELA
COLOMBIA
BRITISH DUTCH (FRENCH) GUIANA
Azores, or Western Is
Canaries
Cape Verde Islands
Tropic of Cancer
Equator
Ring Fredericks VI Coast
Average Limit of Drift Ice
Drift Ice
Gulf Stream
North Equatorial Current
Canary Current
Guinea Current
Labrador Current
Irminger Current
Greenland Current
Copenhagen to Greenland (Irregular)
Liverpool to Port Nelson
Glasgow to Quebec
Liverpool to St John
Glasgow to St John
Glasgow to New York
Liverpool to Boston
Liverpool to N.York
London to Halifax
Cook to St John
Liverpool to New York
Philadelphia to Liverpool
Hamburg to New York
Antwerp to New York
Southampton to New York
Bremen to New York
Havre to New York
Genoa to New York
Naples to New York
Trieste to New York
Fiume to New York
Marseilles to New York
Barcelona to New York
Gibraltar to New York
Lisbon to New York
Azores to New York
Madeira to New York
Canaries to New York
Cape Verde Is to New York
Liverpool to Rio de Janeiro
Liverpool to Buenos Ayres
Liverpool to Cape Town
Liverpool to Natal
Liverpool to Bombay
Liverpool to Calcutta
Liverpool to Melbourne
Liverpool to Sydney
Liverpool to Auckland
Liverpool to Wellington
Liverpool to Adelaide
Liverpool to Hobart Town
Liverpool to Brisbane
Liverpool to Port Phillip
Liverpool to Port Adelaide
Liverpool to Port Natal
Liverpool to Port Elizabeth
Liverpool to Port Alfred
Liverpool to Port Louis
Liverpool to Port Darwin
Liverpool to Port Essington
Liverpool to Port Moresby
Liverpool to Port Albany
Liverpool to Port Curtis
Liverpool to Port Denison
Liverpool to Port Bowen
Liverpool to Port Mackay
Liverpool to Port Douglas
Liverpool to Port Cooktown
Liverpool to Port Townsville
Liverpool to Port Thursday Is
Liverpool to Port Normanton
Liverpool to Port Burketown
Liverpool to Port Wyndham
Liverpool to Port Derby
Liverpool to Port Broome
Liverpool to Port Geraldton
Liverpool to Port Fremantle
Liverpool to Port Albany
Liverpool to Port Esperance
Liverpool to Port Lincoln
Liverpool to Port Victoria
Liverpool to Port Pirie
Liverpool to Port Augusta
Liverpool to Port Wakefield
Liverpool to Port Adelaide
Liverpool to Port Elliot
Liverpool to Port Macdonnell
Liverpool to Port Fairy
Liverpool to Port Portland
Liverpool to Port Warrnambool
Liverpool to Port Belfast
Liverpool to Port Geelong
Liverpool to Port Melbourne
Liverpool to Port Sandridge
Liverpool to Port Williamstown
Liverpool to Port Sydney
Liverpool to Port Newcastle
Liverpool to Port Hunter
Liverpool to Port Macquarie
Liverpool to Port Stephens
Liverpool to Port Jackson
Liverpool to Port Kembla
Liverpool to Port Eden
Liverpool to Port Twofold Bay
Liverpool to Port Jervis
Liverpool to Port Hobart
Liverpool to Port Launceston
Liverpool to Port Dalrymple
Liverpool to Port Sorell
Liverpool to Port Frederick Henry
Liverpool to Port Arthur

DOMINION OF CANADA

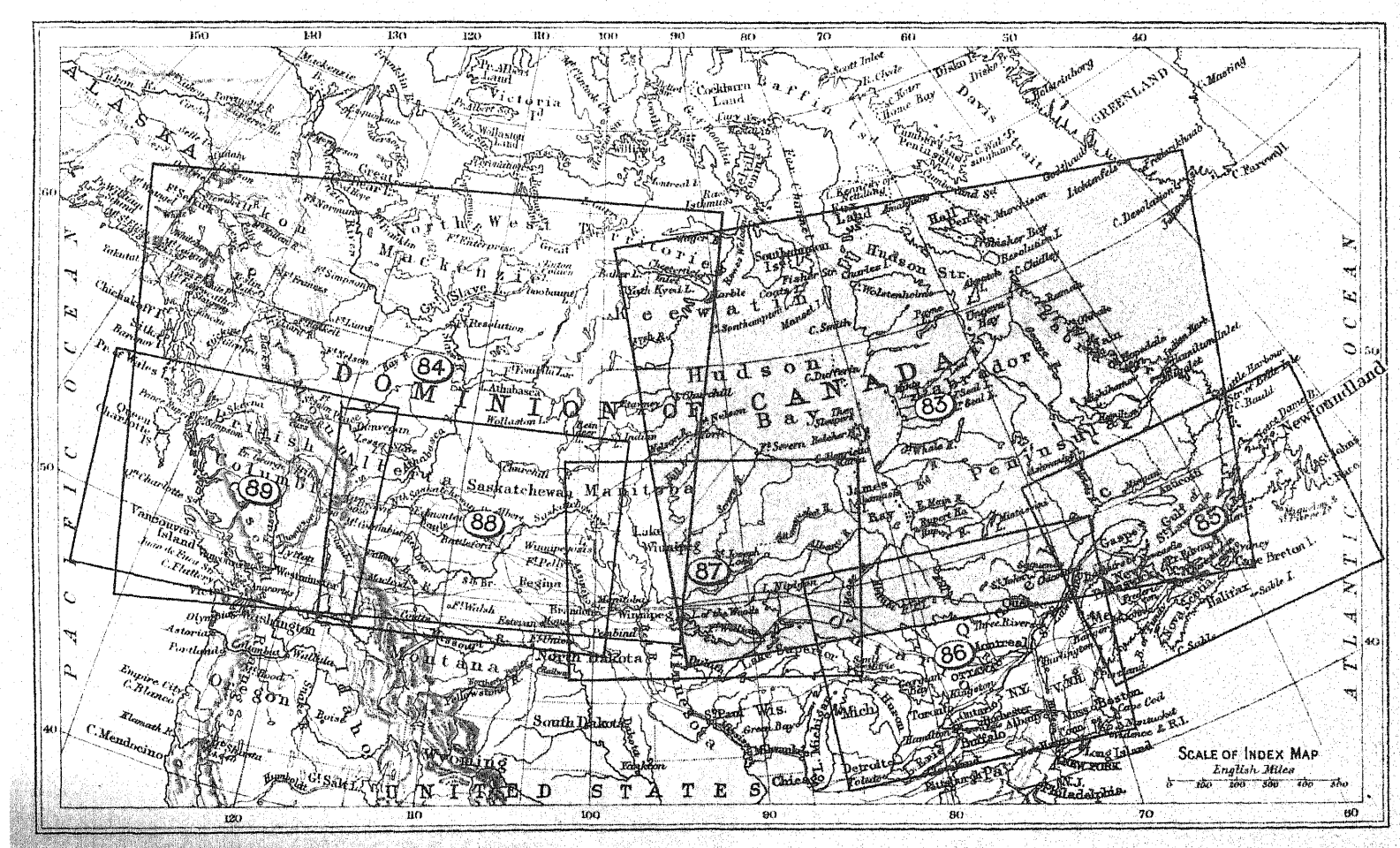
Political Map

DOMINION OF CANADA - POLITICAL


BEAUFORT SEA
PARRY
Melville Id
Banks Island
Prince Patrick Id
Baring Land
Prince Albert Land
VICTORIA ISLAND
Wollaston Land
Victoria Land
Borden Peninsula
Boothia Peninsula
Boothia
Cockburn Land
Devon Island
Barrow Strait
MELVILLE SOUND
Lancaster Sound
North Somerset Id
Prince of Wales Id
Bathurst Land
Jones Sound
Norske Bay
North Cornwall
Belcher Is
Hayes Peninsula
Melville Bay
Baffin Bay
BAFFIN LAND
Home Bay
North Ayr Id
Penny Highland
Cumberland Peninsula
Cumberland Sound
Fox Basin
Fox Channel
Fox Land
Melville Peninsula
King William I
Committee Bay
Gulf of Boothia
Franklin Channel
Peel Sound
Prince Regent Inlet
Lyon Inlet
Pond Inlet
Eclipse Sound
Navy Board Inlet
Admiralty Inlet
Prince Leopold I
Somerset I
Bylot I
Devil's Thumb
Jakobshavn
Godthaab
Disko
Egedesminde
Holsteinborg
Sukkertoppen
Fiskernaes
Lichtenau
Frederikshaab
Julianehaab
Arsuk Fd
Prince Christian Sd
Frederick VI Coast
King Christian IX Land
Egede Land
Scoresby Land
Greenland
Davis Strait
Denmark Strait
Arctic Circle
Hall Peninsula
Frobisher Bay
Meta Incognita
Resolution I
Salisbury I
Southampton Id
Mansel I
Hudson Strait
Ungava Bay
Ungava
Labrador Peninsula
Atlantic Ocean
Anticosti I
Gulf of St Lawrence
Cabot Strait
Cape Breton I
Newfoundland
Prince Edward I
New Brunswick
Nova Scotia
Halifax
Quebec
Ontario
Manitoba
Saskatchewan
Alberta
British Columbia
Vancouver I
Queen Charlotte Islands
Mackenzie Mts
Richardson Mts
Ogilvie Mts
Selwyn Mts
Cassiar Mts
Rocky Mts
Mackenzie Bay
Liverpool Bay
Franklin B
Darnley B
Amundsen Gulf
Coronation G
Dease Strait
Queen Maud Gulf
Chesterfield Inlet
Baker Lake
Wager Bay
Repulse B
Roes Welcome
Hudson Bay
James Bay
Foxe Basin
Foxe Channel
Great Bear L
Great Slave Lake
Athabasca L
Lake Winnipeg
Lake Manitoba
Lake Winnipegosis
Lake of the Woods
Lake Athabasca
Reindeer Lake
South Indian Lake
Churchill
Nelson R
Hayes R
Severn R
Albany R
Moose R
Abitibi R
Ottawa R
St Lawrence R
Saguenay R
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Lake St Clair
Lake Nipissing
Lake Timiskaming
Lake St John
Lake Mistassini
Lake Nichicun
Lake Kaniapiskau
Lake Melville
Lake Winnipeg
Lake Manitoba
Lake Winnipegosis
Lake of the Woods
Lake Athabasca
Great Slave Lake
Great Bear L
Reindeer Lake
South Indian Lake
Churchill
Nelson R
Hayes R
Severn R
Albany R
Moose R
Abitibi R
Ottawa R
St Lawrence R
Saguenay R
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Lake St Clair
Lake Nipissing
Lake Timiskaming
Lake St John
Lake Mistassini
Lake Nichicun
Lake Kaniapiskau
Lake Melville
UNITED STATES
WASHINGTON
OREGON
IDAHO
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
MINNESOTA
WISCONSIN
MICHIGAN
NEW YORK
Buffalo
Cleveland
Toledo
CHICAGO
Albany
Boston
Portland
Seattle
Vancouver
Winnipeg
Scale 1:10,000,000
English Miles
Kilometres
Longitude West of Greenwich
Liverpool 2780 m
Liverpool 2920 m
Liverpool 3760 m
Liverpool 3880 m
Liverpool 4180 m
Liverpool 4240 m
Liverpool 4360 m
Liverpool 4440 m
Liverpool 4560 m
Liverpool 4640 m
Liverpool 4760 m
Liverpool 4840 m
Liverpool 4960 m
Liverpool 5040 m
Liverpool 5160 m
Liverpool 5240 m
Liverpool 5360 m
Liverpool

NORTH-EASTERN CANADA

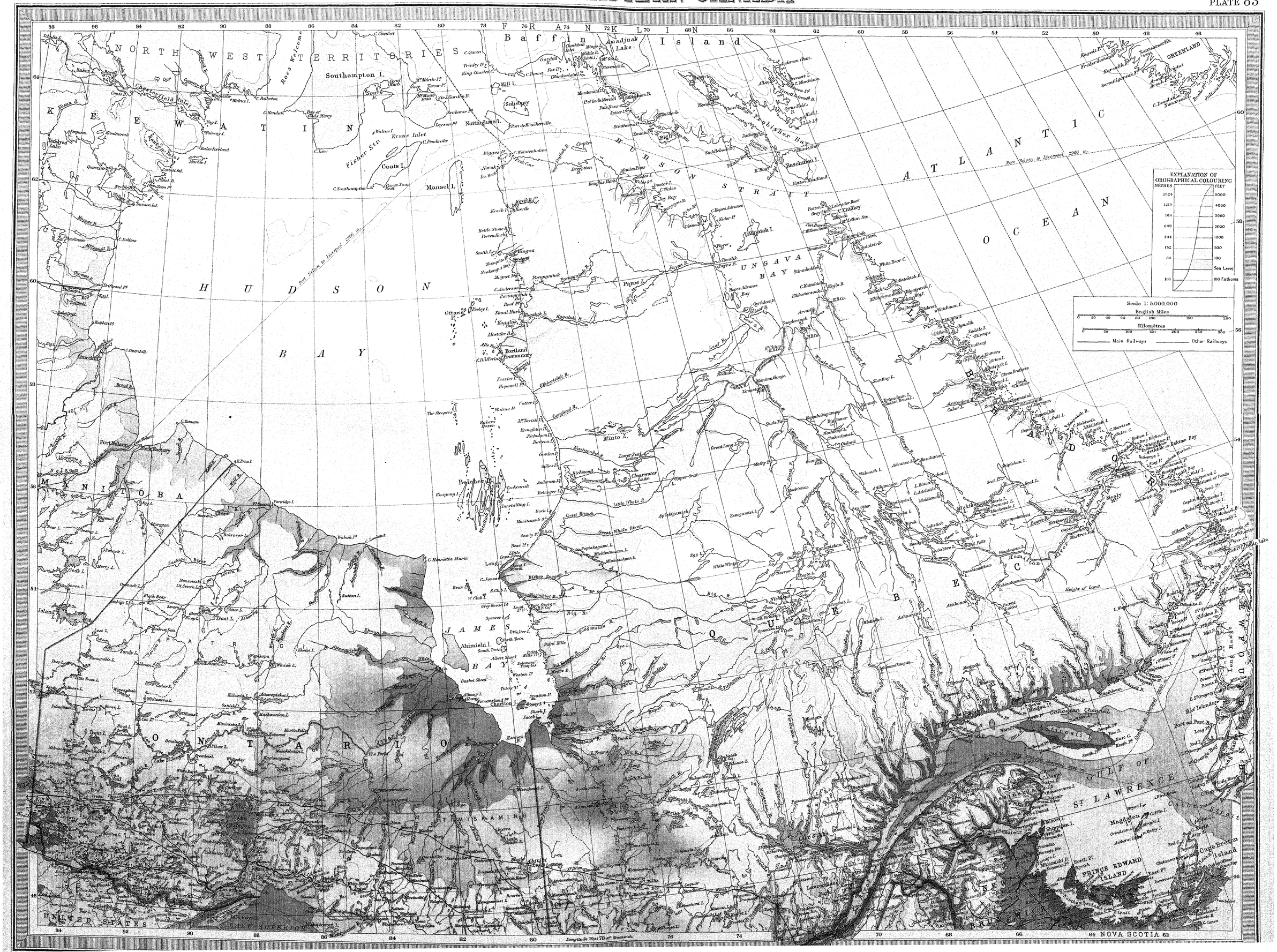
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CANADA

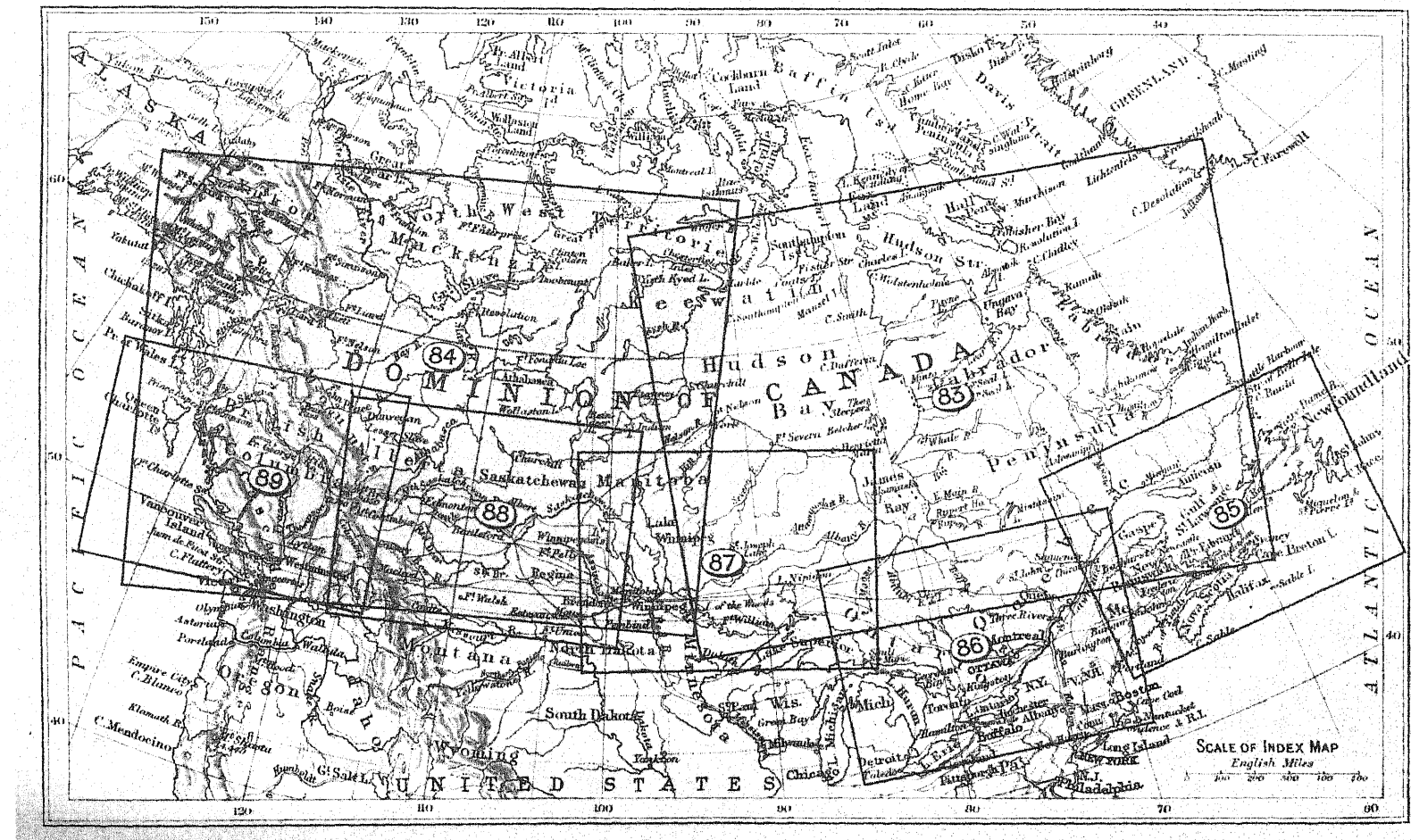
ON SCALE OF 1 : 5,000,000 AND 1 : 2,500,000

NORTH-EASTERN CANADA



WESTERN CANADA

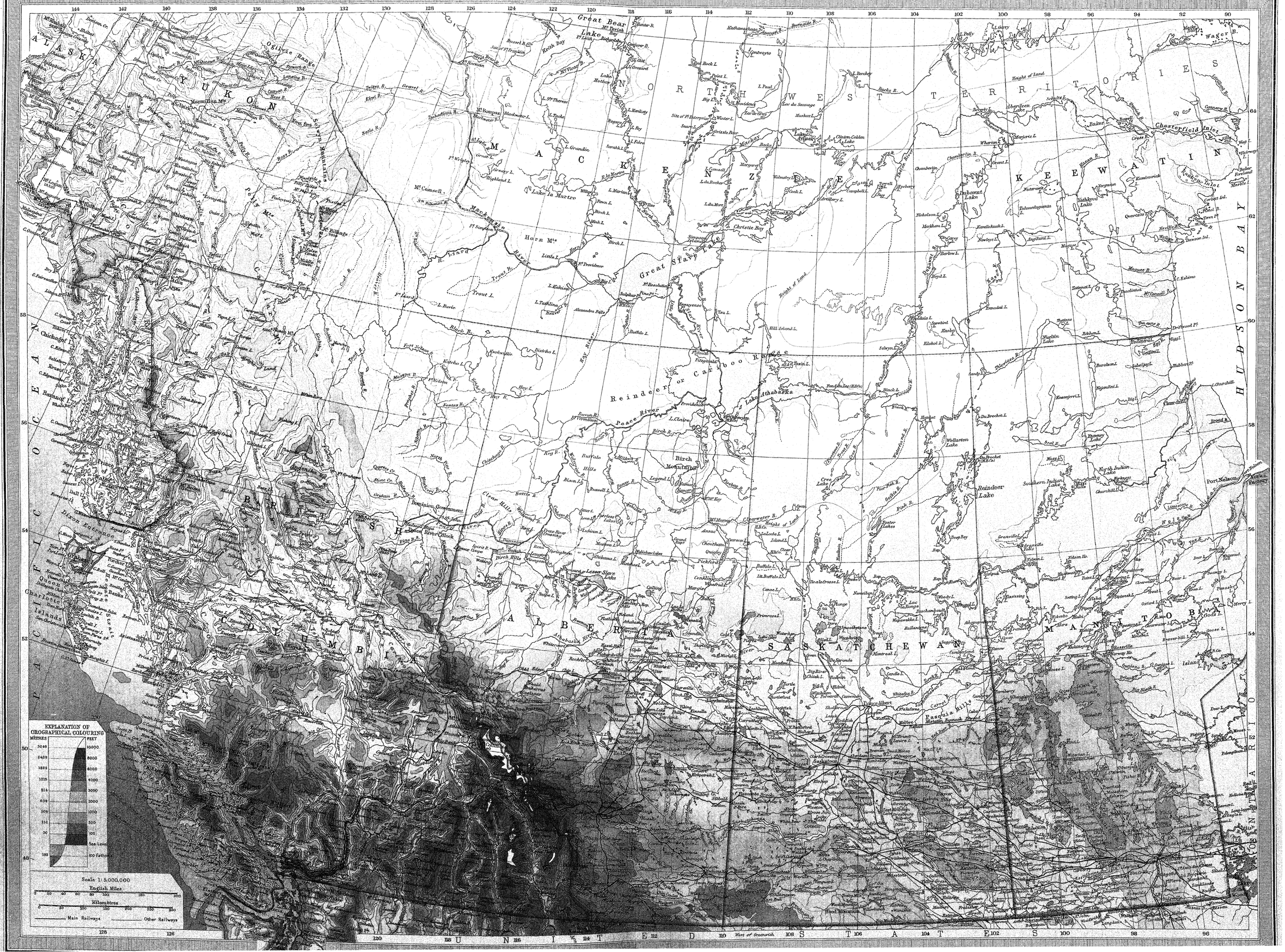
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CANADA

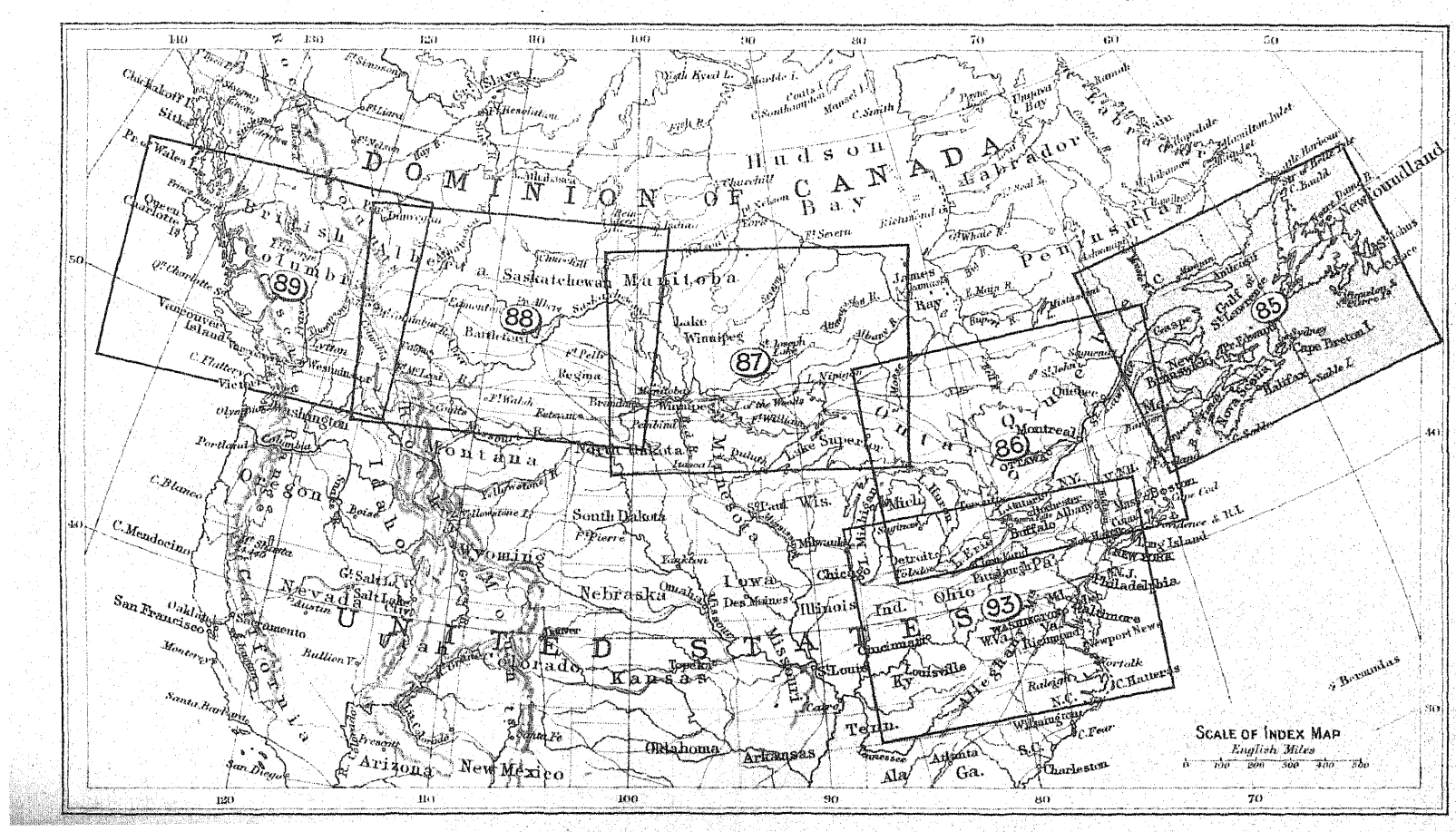
ON SCALE OF 1 : 5,000,000 AND 1 : 2,500,000

WESTERN CANADA



MARITIME PROVINCES & NEWFOUNDLAND

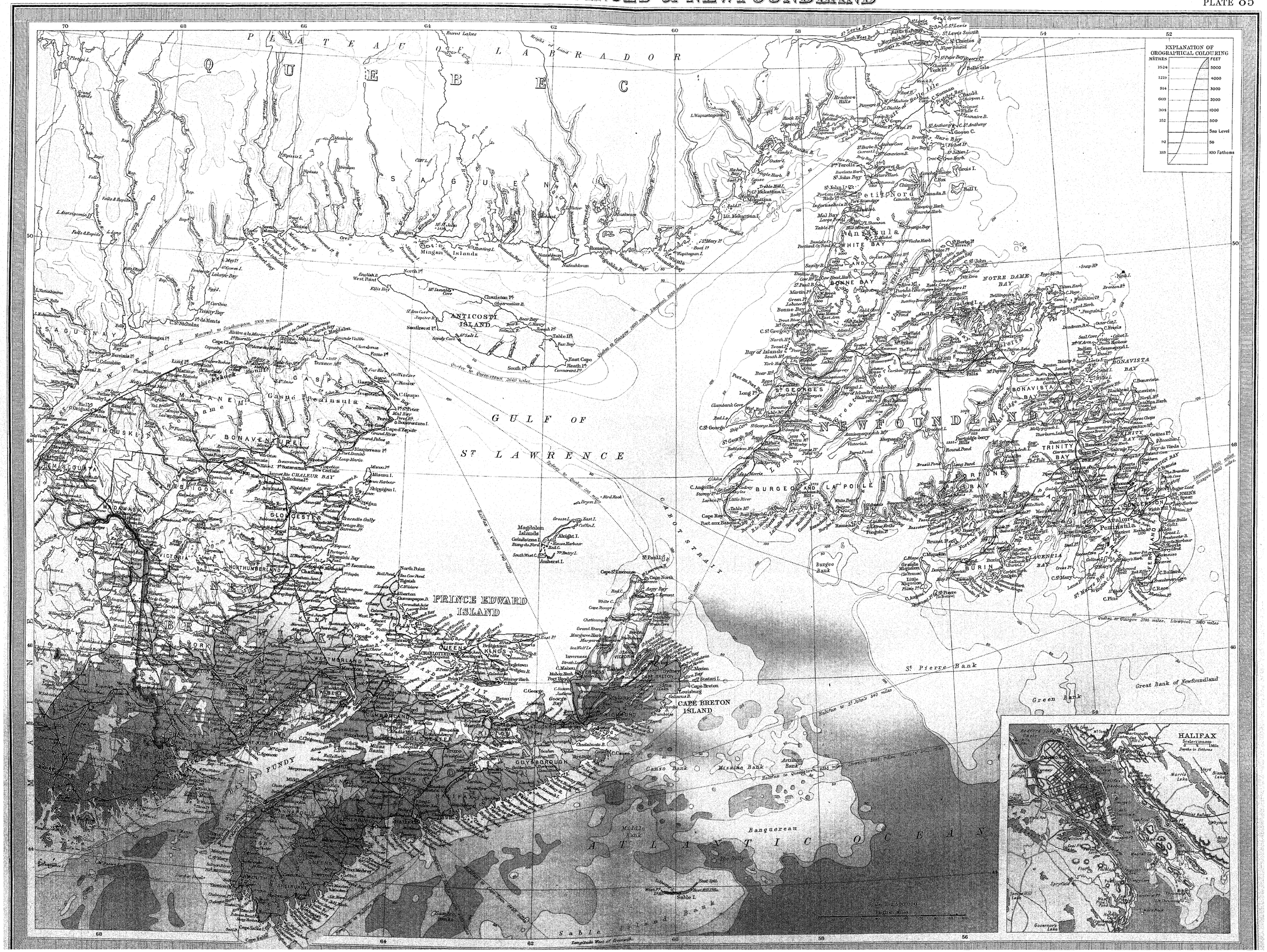
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CANADA

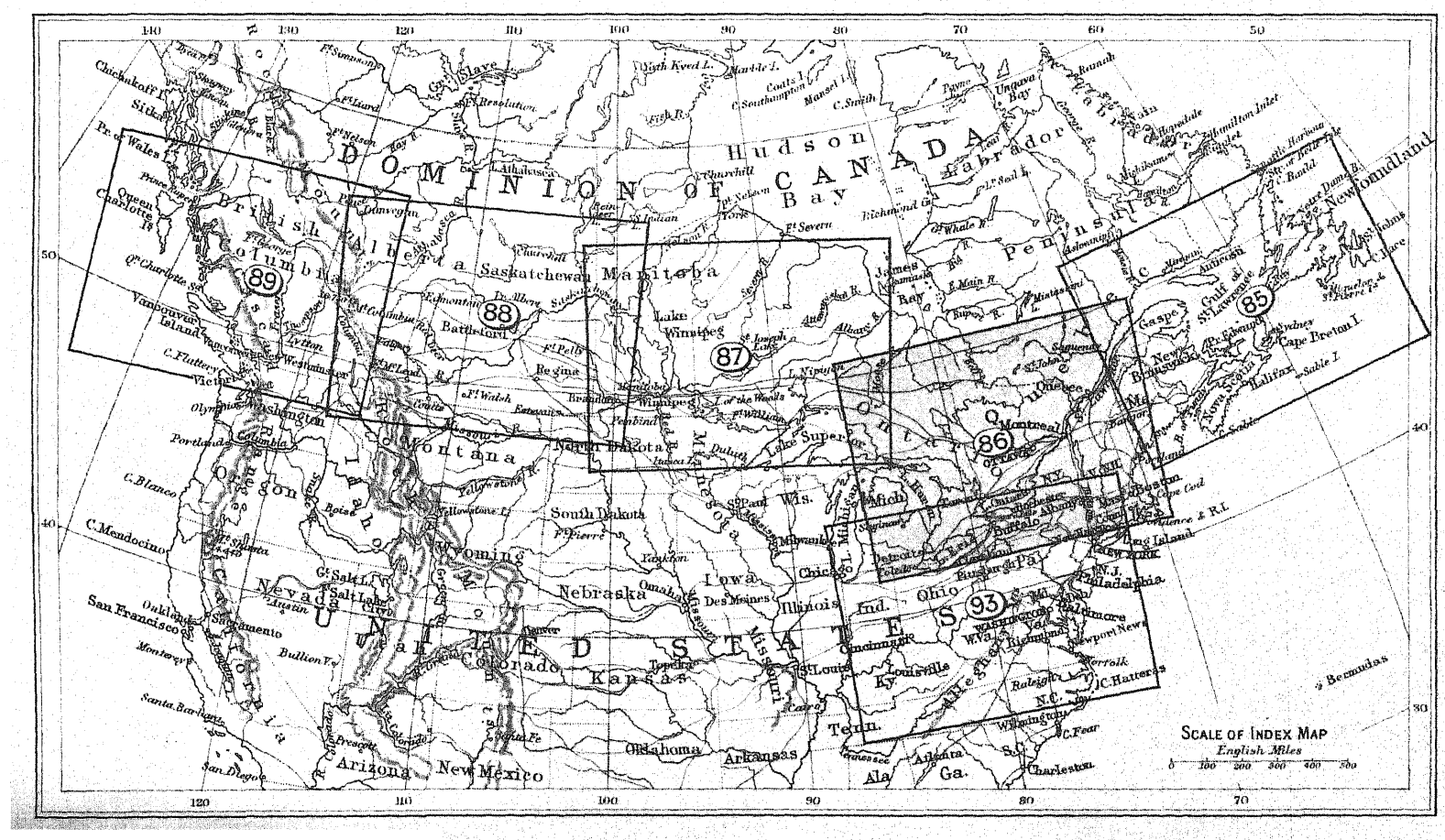
ON SCALE OF 1:2,500,000

MARITIME PROVINCES & NEWFOUNDLAND



ONTARIO & QUEBEC

The Shaded Area on Index Map shows the extent of this Plate



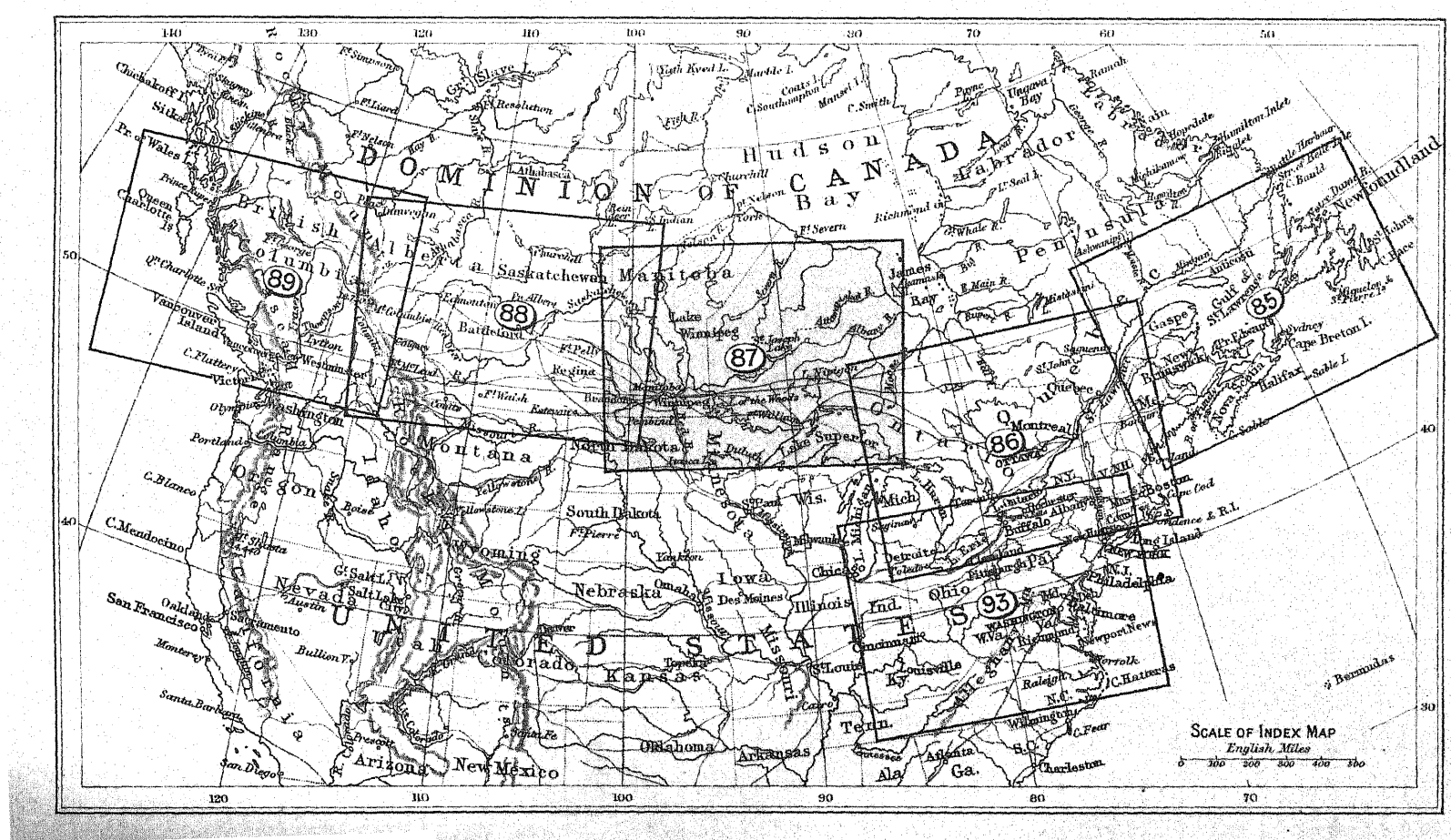
INDEX TO SECTION MAPS OF CANADA

ON SCALE OF 1:2,500,000

ONTARIO & QUEBEC

MANITOBA & NORTH-WEST ONTARIO

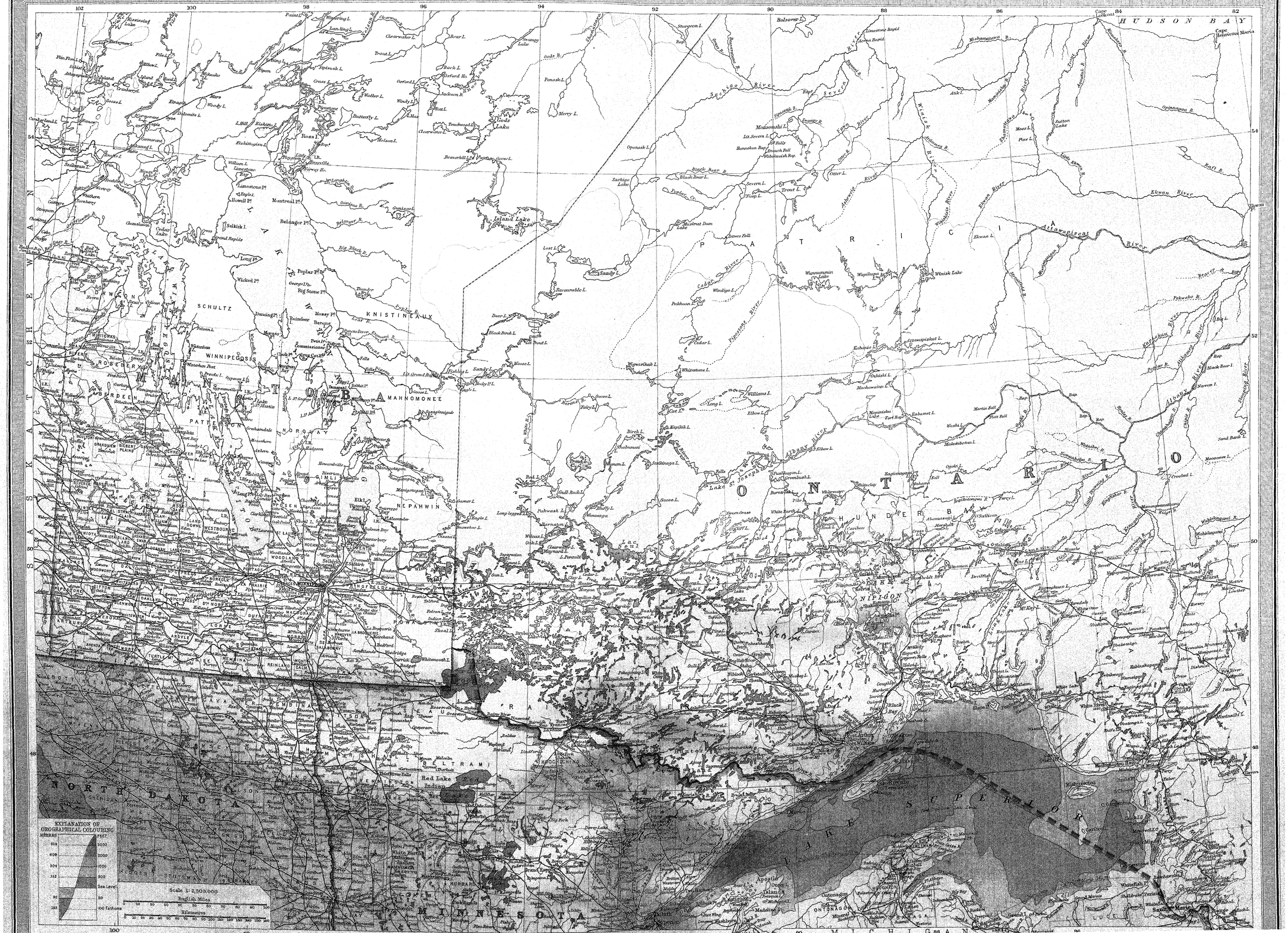
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CANADA

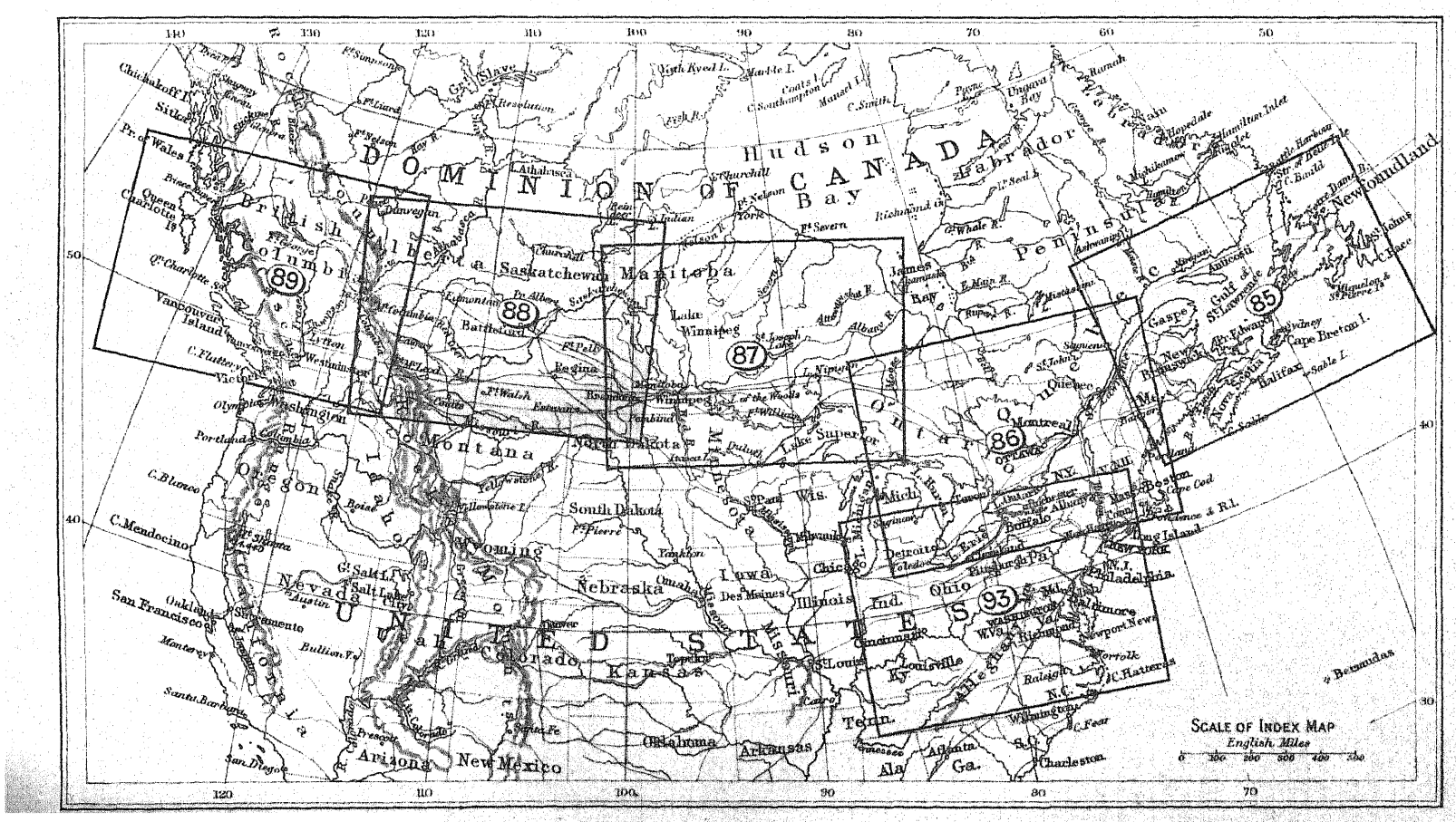
ON SCALE OF 1 : 2,500,000

MANITOBA & NORTH-WEST ONTARIO



ALBERTA & SASKATCHEWAN

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CANADA

ON SCALE OF 1:2,500,000

ALBERTA & SASKATCHEWAN

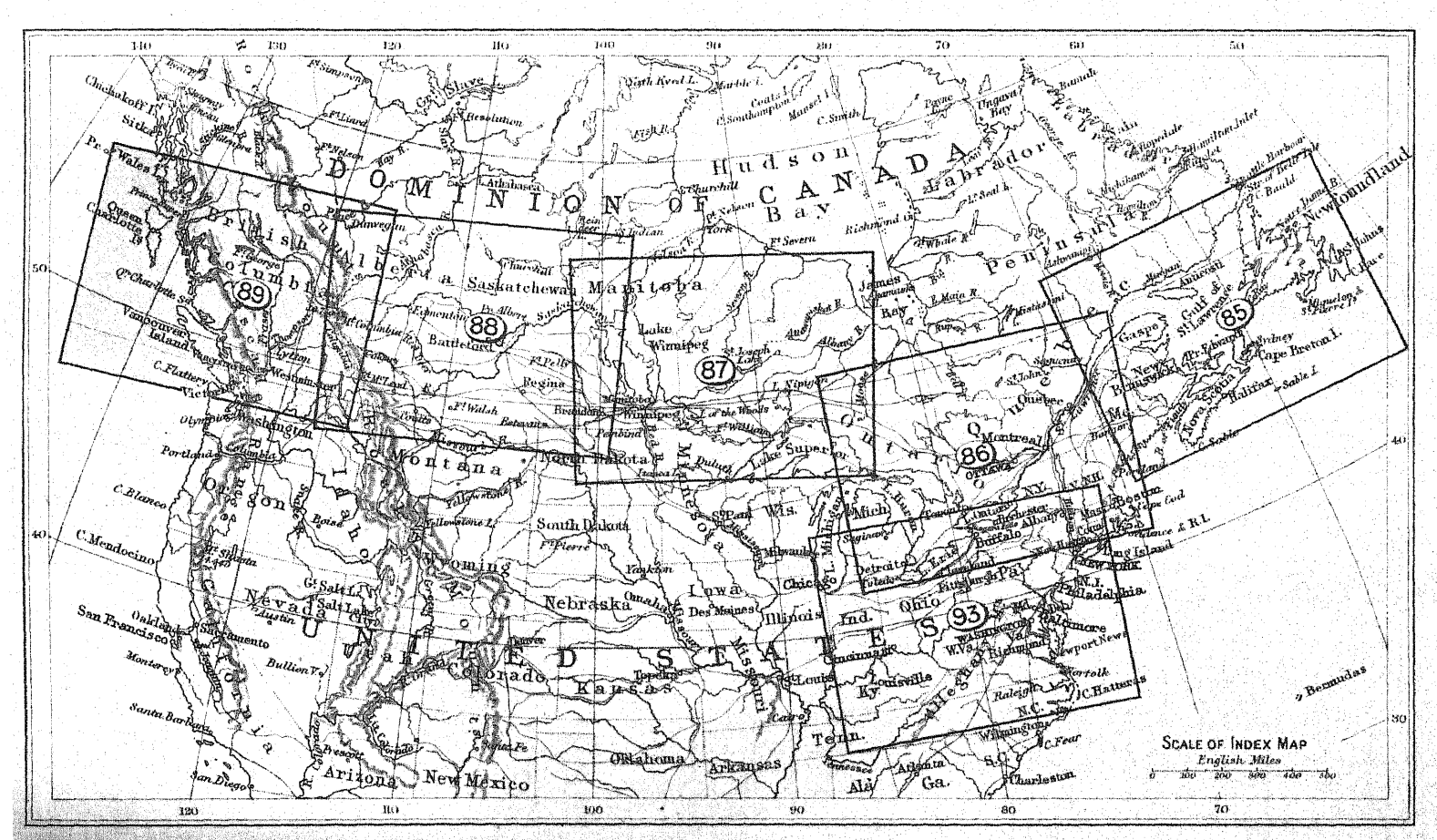
EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
3048	10000
2438	8000
1829	6000
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500

Longitude West of Greenwich

BRITISH COLUMBIA

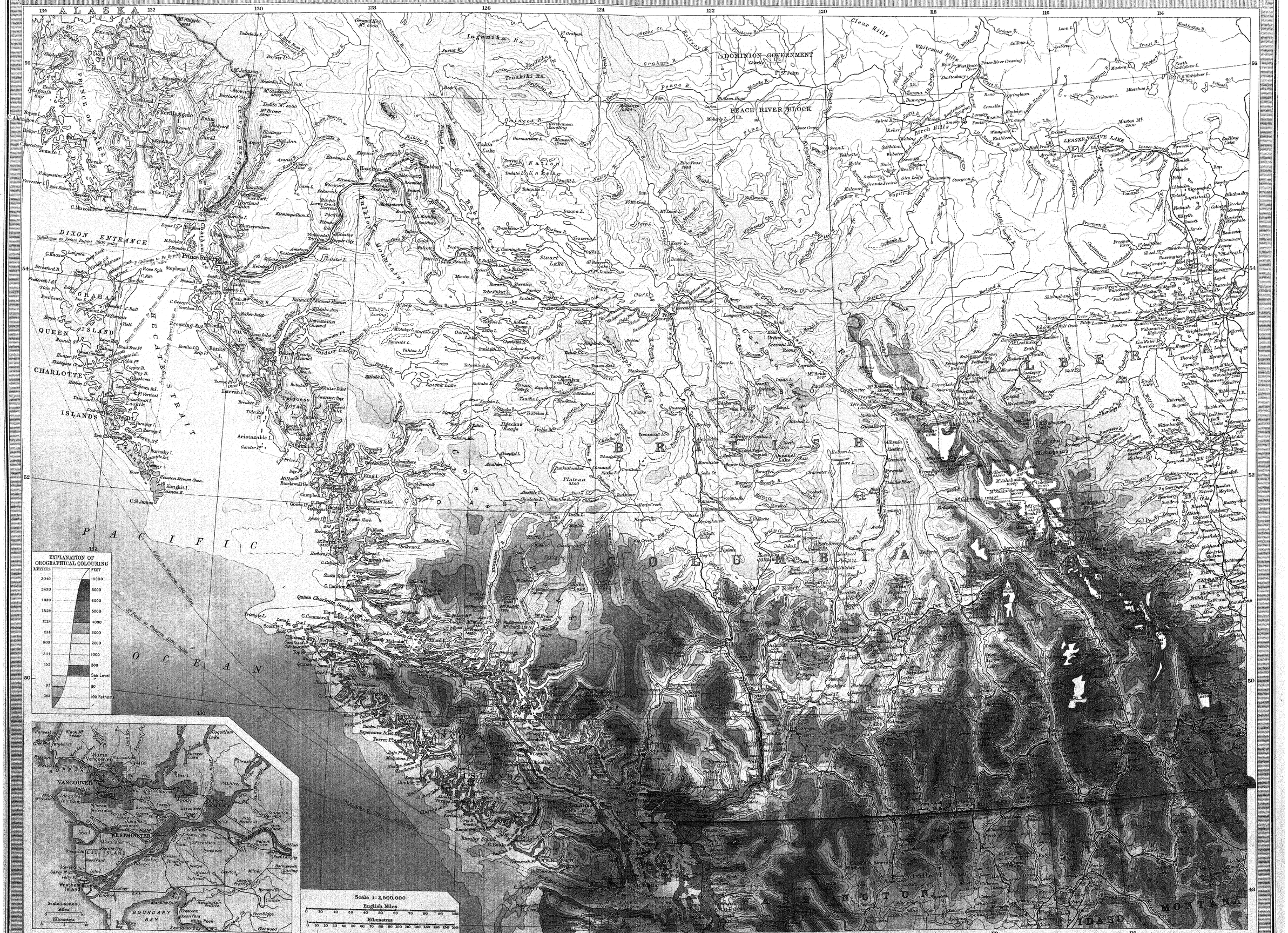
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF CANADA

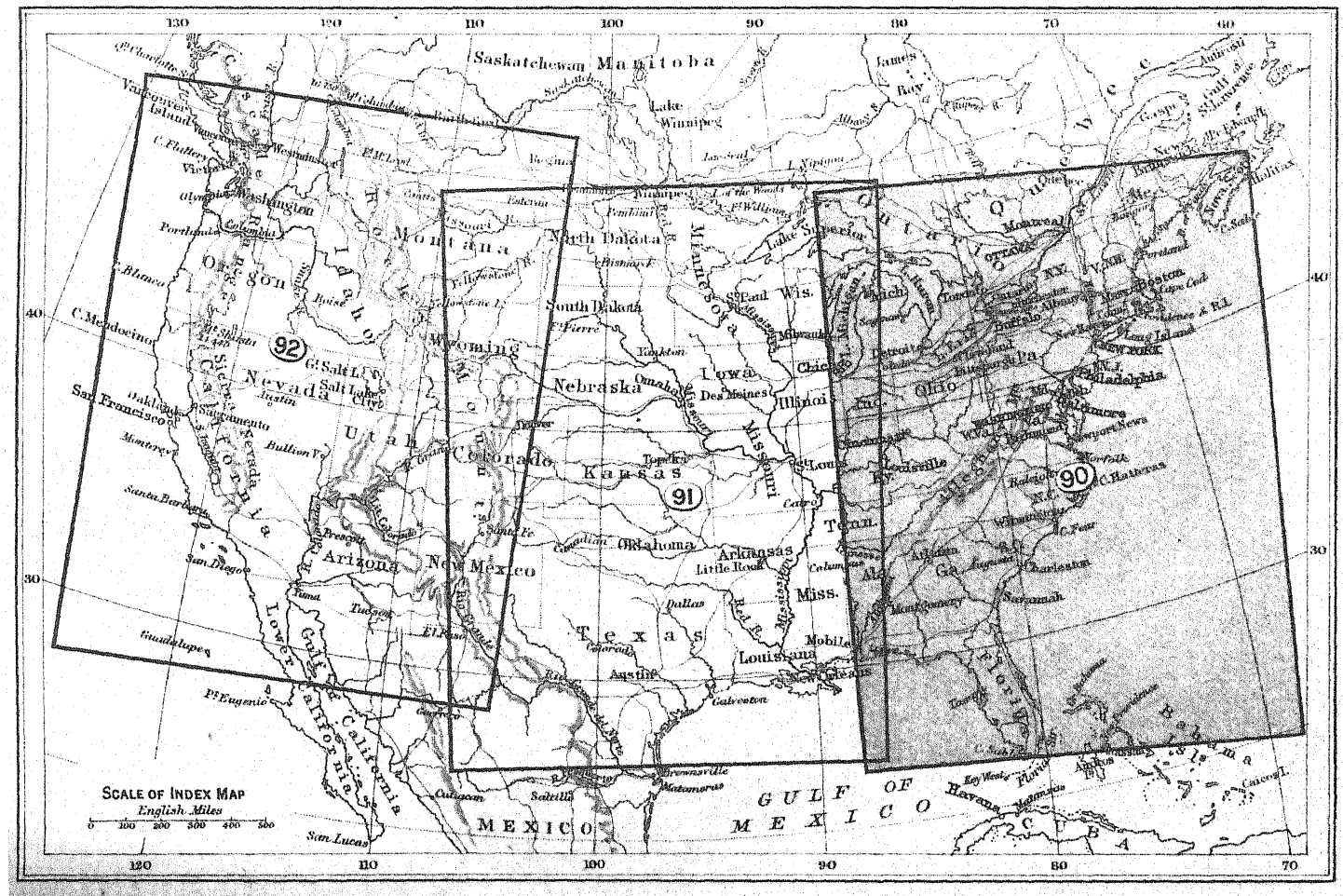
ON SCALE OF 1:2,500,000

BRITISH COLUMBIA


ALASKA
PRINCE OF WALES I.
DIXON ENTRANCE
GRAHAM I.
QUEEN CHARLOTTE ISLANDS
HECATE STRAIT
PACIFIC OCEAN
DOMINION GOVERNMENT
PEACE RIVER BLOCK
LESSER SLAVE LAKE
Ingenika Ra.
Tenakihi Ra.
Omineca R.
Takla Lake
Nation Lakes
Stuart Lake
Plateau 3500
Hazelton
Kitwanga
Kitimaat
Prince Rupert
Skeena R.
Nass R.
Peace R.
Finlay R.
Parsnip R.
Pine R.
Halfway R.
Beatton R.
Smoky R.
Athabasca R.
Clear Hills
Whitemud Hills
Birch Hills
Peace River Crossing
Fort St. John
Dawson Creek
Fort St. James
Fort Fraser
Fort George
Prince George
Quesnel
Williams Lake
Ashcroft
Kamloops
Lillooet
Lytton
Yale
Hope
Chilliwack
Agassiz
Mission
Abbotsford
New Westminster
Vancouver
North Vancouver
Burnaby
Richmond
Sea I.
Lulu Island
Westham Island
Boundary Bay
Point Roberts
Gulf Islands
Saltspring I.
Galiano I.
Mayne I.
Pender I.
Saturna I.
Victoria
Sidney
Saanich
Esquimalt
Sooke
Port Renfrew
Juan de Fuca Strait
Barkley Sound
Clayoquot Sound
Nootka Sound
Queen Charlotte Sound
Hecate Strait
Dixon Entrance
Prince Rupert
Kitimaat
Kitwanga
Hazelton
Smithers
Telkwa
Burns Lake
Vanderhoof

UNITED STATES—EASTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate

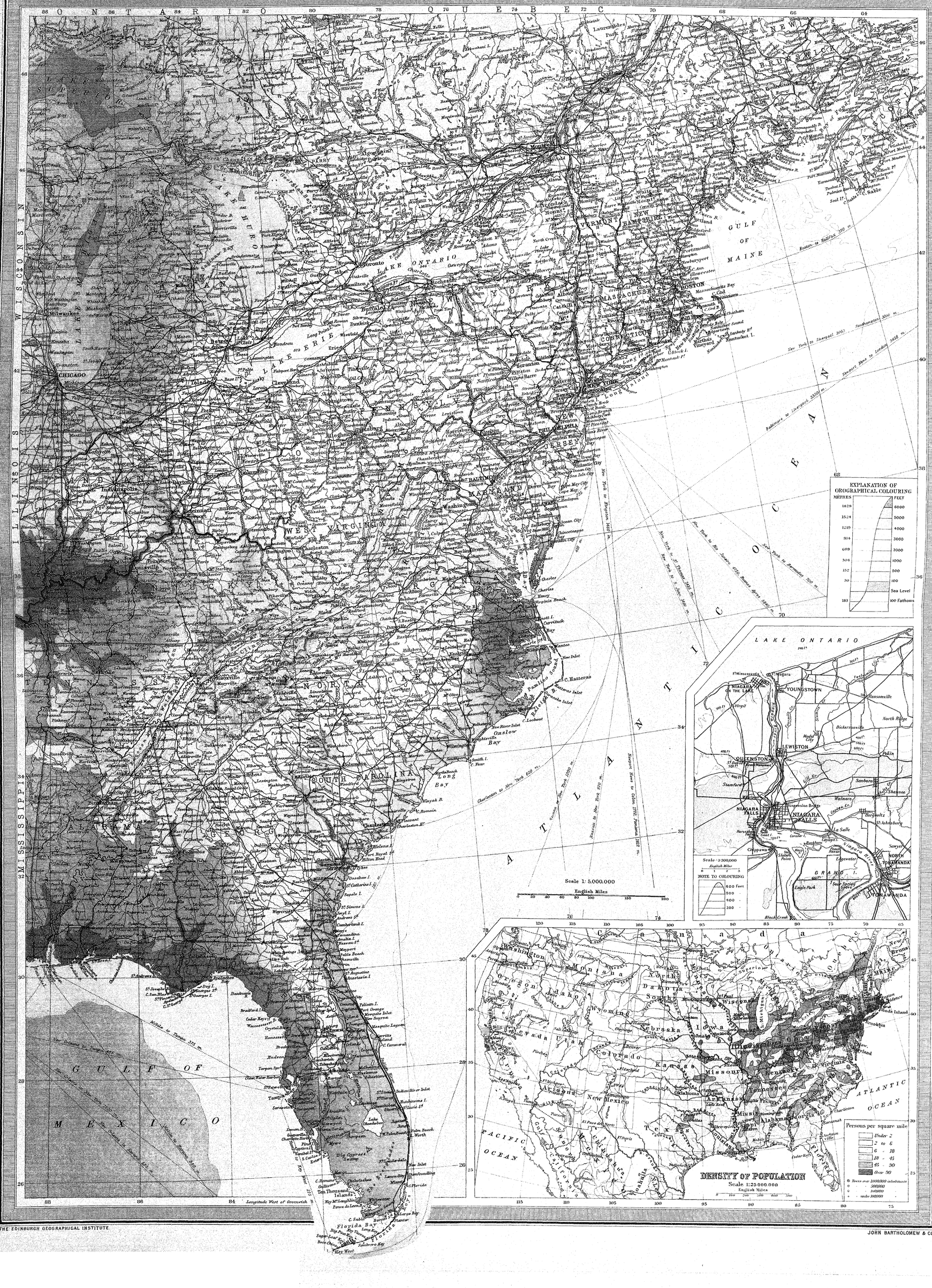


SCALE OF INDEX MAP
English Miles
0 100 200 300 400 500

INDEX TO SECTION MAPS OF THE UNITED STATES

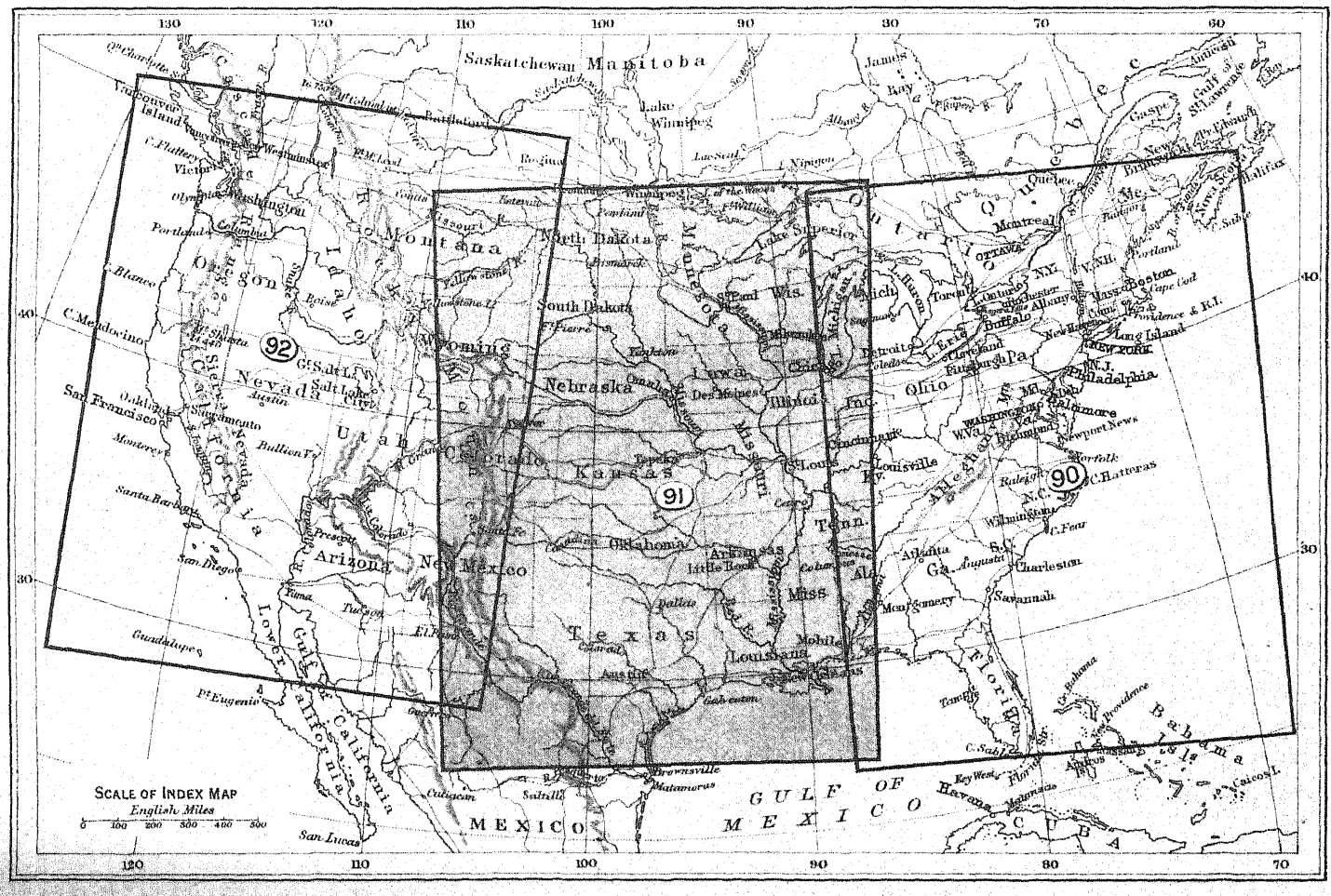
ON SCALE OF 1 : 5,000,000

UNITED STATES – EASTERN SECTION



UNITED STATES—CENTRAL SECTION

The Shaded Area on Index Map shows the extent of this Plate


Saskatchewan
Manitoba
Lake Winnipeg
Montana
North Dakota
South Dakota
Wyoming
Nebraska
Nevada
Utah
Colorado
Kansas
Oklahoma
Texas
Arizona
New Mexico
Minnesota
Iowa
Illinois
Missouri
Arkansas
Louisiana
Wis.
Mich.
Ind.
Ohio
Ky.
Tenn.
Miss.
Ala.
Ga.
Fla.
S.C.
N.C.
Va.
W.Va.
Pa.
N.Y.
Me.
Vt.
N.H.
Mass.
R.I.
N.J.
Del.
Md.
Ontario
Quebec
Montreal
Toronto
Buffalo
Boston
New York
Philadelphia
Baltimore
Washington
Pittsburgh
Cleveland
Detroit
Chicago
Milwaukee
St. Paul
Duluth
Omaha
Des Moines
St. Louis
Cincinnati
Louisville
Memphis
Atlanta
Charleston
Savannah
Wilmington
Raleigh
Norfolk
Richmond
Newport News
Albany
Portland
Halifax
St. John
Gaspe
Anticosti
Hudson Bay
James Bay
Lake Superior
Lake Michigan
Lake Erie
Lake Ontario
Gulf of St. Lawrence
Appalachian Mts.
Rocky Mts.
Sierra Nevada
Cascade Mts.
Columbia R.
Colorado R.
Mississippi R.
Missouri R.
Rio Grande
Lower California
Gulf of California
Vancouver Island
San Francisco
Los Angeles
San Diego
Santa Barbara
Sacramento
Portland
Seattle
Victoria
Westminster
Olympia
Washington
Salt Lake City
Denver
Pierre
Bismarck
Regina
Winnipeg
Duluth
Chicago
Milwaukee
Detroit
Cleveland
Pittsburgh
Buffalo
Toronto
Montreal
Quebec
Boston
New York
Philadelphia
Baltimore
Washington
Richmond
Norfolk
Raleigh
Wilmington
Charleston
Savannah
Atlanta
Augusta
Mobile
New Orleans
Galveston
Houston
Austin
Dallas
Fort Worth
Oklahoma City
Little Rock
Memphis
Louisville
Cincinnati
St. Louis
Kansas City
Omaha
Des Moines
Minneapolis
St. Paul
Duluth
Lake Superior
Lake Michigan
Lake Erie
Lake Ontario
Gulf of St. Lawrence
Hudson Bay
James Bay
Anticosti
Gaspe
Newfoundland
Nova Scotia
Halifax
St. John
Portland
Providence & R.I.
Long Island
New York
Philadelphia
Baltimore
Washington
Newport News

UNITED STATES - CENTRAL SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
3048	10000
2438	8000
1829	6000
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500
30	100
Sea Level	
183	100 Fathoms

Scale 1: 5,000,000

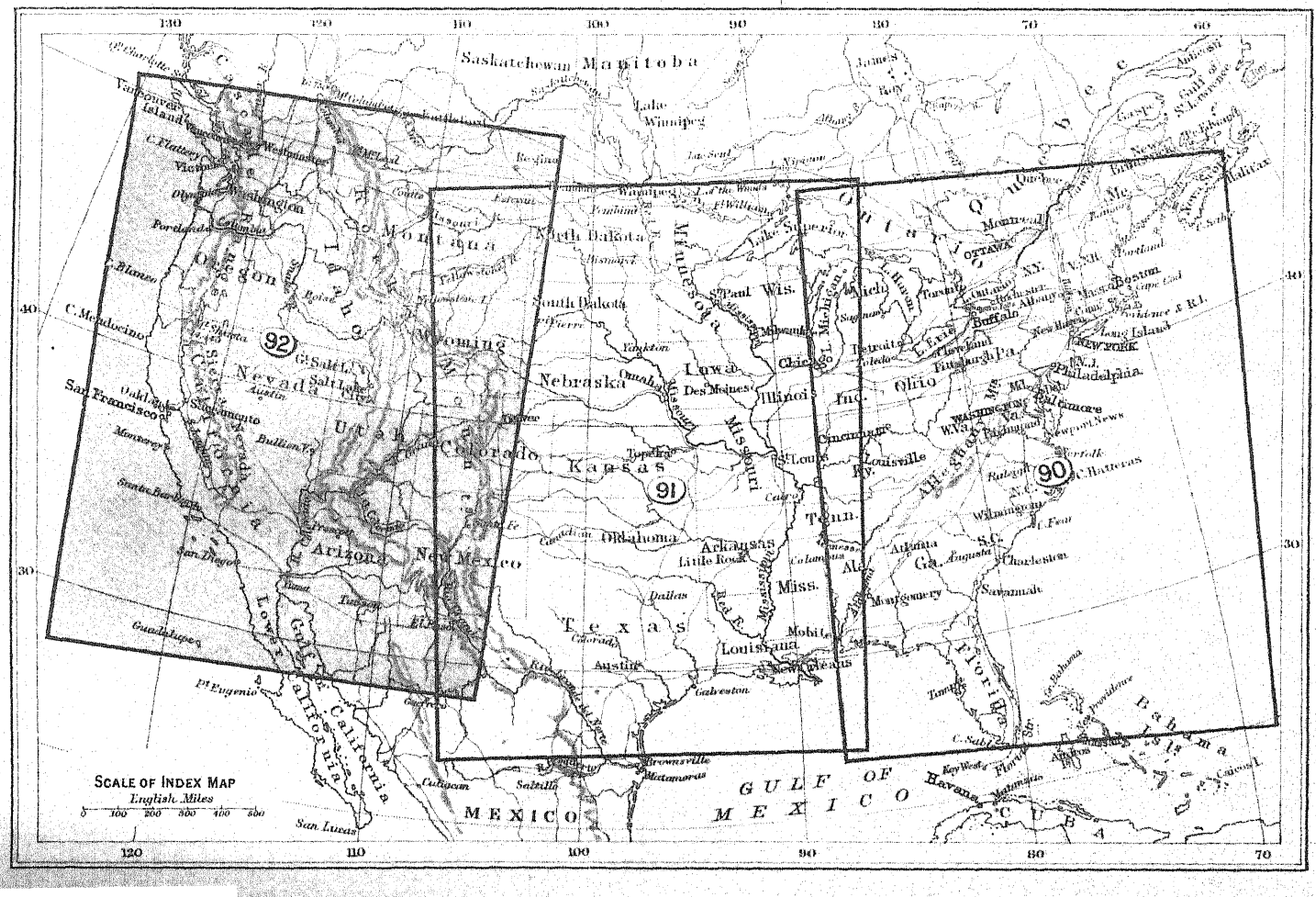
English Miles

0 20 40 60 80 100 150 200

Longitude West of Greenwich

UNITED STATES—WESTERN SECTION

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE UNITED STATES

ON SCALE OF 1 : 5,000,000

UNITED STATES - WESTERN SECTION

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
3048	10000
2439	8000
1829	6000
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500
30	100
Sea Level	
183	100 Fathoms

THE YOSEMITE VALLEY
1:250 000
English Miles
Heights in Metres

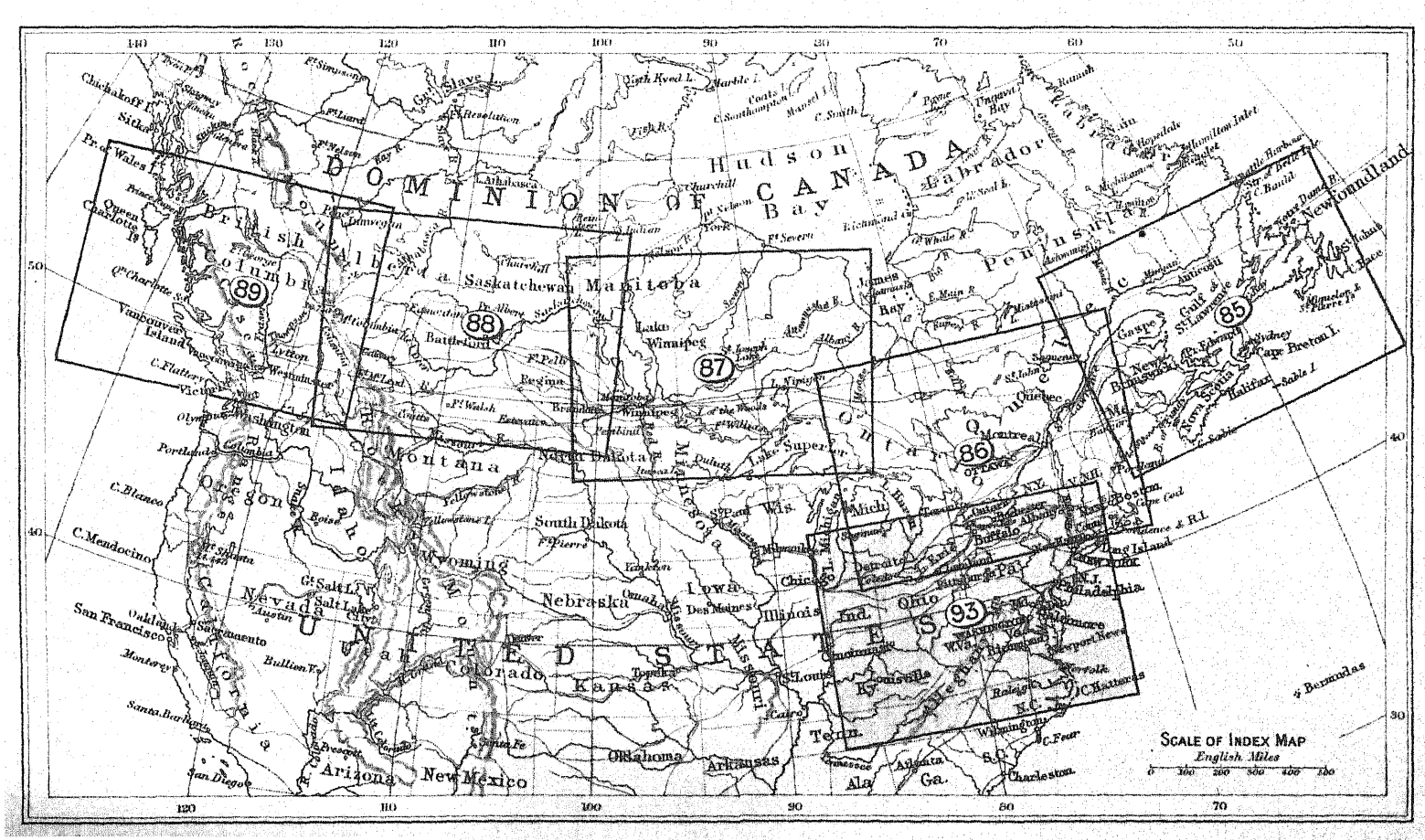
Scale 1: 5.000.000
English Miles

GH GEOGRAPHICAL INSTITUTE

JOHN BARTHOLOMEW & CO.

NORTH-EASTERN STATES

The Shaded Area on Index Map shows the extent of this Plate


DOMINION OF CANADA
UNITED STATES
Hudson Bay
Labrador Peninsula
British Columbia
Alberta
Saskatchewan
Manitoba
Ontario
Quebec
Montana
North Dakota
South Dakota
Wyoming
Nebraska
Iowa
Illinois
Ind.
Ohio
Michigan
Wis.
Minn.
Colorado
Kansas
Missouri
Nevada
California
Oregon
Idaho
Washington
Utah
Arizona
New Mexico
Oklahoma
Arkansas
Texas
Tenn.
Ala.
Ga.
S.C.
N.C.
Va.
W.Va.
Ky.
Penn.
N.Y.
Maine
N.H.
Vt.
Mass.
R.I.
Conn.
N.J.
Del.
Md.
Newfoundland
Nova Scotia
New Brunswick
Prince Edward I.
Cape Breton I.
Anticosti
Bermudas
Hudson Bay
Baffin Land
Labrador
Greenland
Alaska
Vancouver Island
Queen Charlotte Is.
Pr. of Wales I.
Sitka
Chilkakoff
Fort Simpson
Fort Liard
Fort Wrigley
Fort Resolution
Fort Wrangel
Fort Nelson
Fort Halkett
Fort Chipewyan
Fort Vermilion
Fort Dunvegan
Fort Assiniboine
Fort Saskatchewan
Fort Pelly
Fort Ellice
Fort Walsh
Fort Macleod
Fort Calgary
Fort Edmonton
Fort Pitt
Fort Carlton
Fort Qu'Appelle
Fort Ellice
Fort Pembina
Fort Garry
Fort Alexander
Fort Frances
Fort William
Fort Wrangel
Fort Simpson
Fort Liard
Fort Wrigley
Fort Resolution
Fort Halkett
Fort Chipewyan
Fort Vermilion
Fort Dunvegan
Fort Assiniboine
Fort Saskatchewan
Fort Pelly
Fort Ellice
Fort Walsh
Fort Macleod
Fort Calgary
Fort Edmonton
Fort Pitt
Fort Carlton
Fort Qu'Appelle
Fort Pembina
Fort Garry
Fort Alexander
Fort Frances
Fort William
Battleford
Prince Albert
Edmonton
Calgary
Regina
Winnipeg
Brandon
Portage la Prairie
Selkirk
Lake Winnipeg
Lake Manitoba
Lake of the Woods
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Lake St. Clair
Lake Nipigon
Lake Nipissing
Lake St. John
Lake Mistassini
Lake Abitibi
Lake Temiscamingue
Lake Champlain
Lake George
Lake Winnipesaukee
Lake Memphremagog
Lake Timiskaming
Lake Kamouraska
Lake Metapedia
Lake Matapedia
Lake Temiscouata
Lake Megantic
Lake Aylmer

NORTH-EASTERN STATES

SKETCH PLANS OF

AMERICAN CITIES

ON SCALE OF 1:300,000

AMERICAN CITIES
ON UNIFORM SCALE

CHICAGO
English Miles
0 1 2 3 4 5
LAKE MICHIGAN
Evanston
EVANSTON
Wilmette
Kenilworth
Glenview
Niles Center
Park Ridge
Des Plaines
Elk Grove
Norwood Park
Jefferson Park
Irving Park
Belmont
Riverview
Leyden
Bensenville
Franklin Park
Elmhurst
Melrose Park
River Forest
Oak Park
Austin
Cicero
Berwyn
Proviso
Lagrange
Western Springs
Hinsdale
Summit
Argo
Stickney
Lyons
Riverside
Brookfield
Cragin
Belmont
Hermosa
Humboldt Park
Logan Square
Jefferson
Lincoln Park
Near North Side
Loop
Gold Coast
Hyde Park
Kenwood
Woodlawn
Grand Crossing
South Chicago
Pullman
Calumet Park
Calumet Harbor
Calumet Lake
Chicago Ridge
Worth
Palos Park
Willow Springs
Burnham
Blue Island
Riverdale
Harvey
Dolton
Thornton
Lansing
Hammond
Whiting
Tinley Park
Orland
Alpine
Bernice
McCaughey
Wolf Lake
George L.
Indiana Harbor
Gary
Miller
Ogden Dunes
Michigan City
Lake Michigan

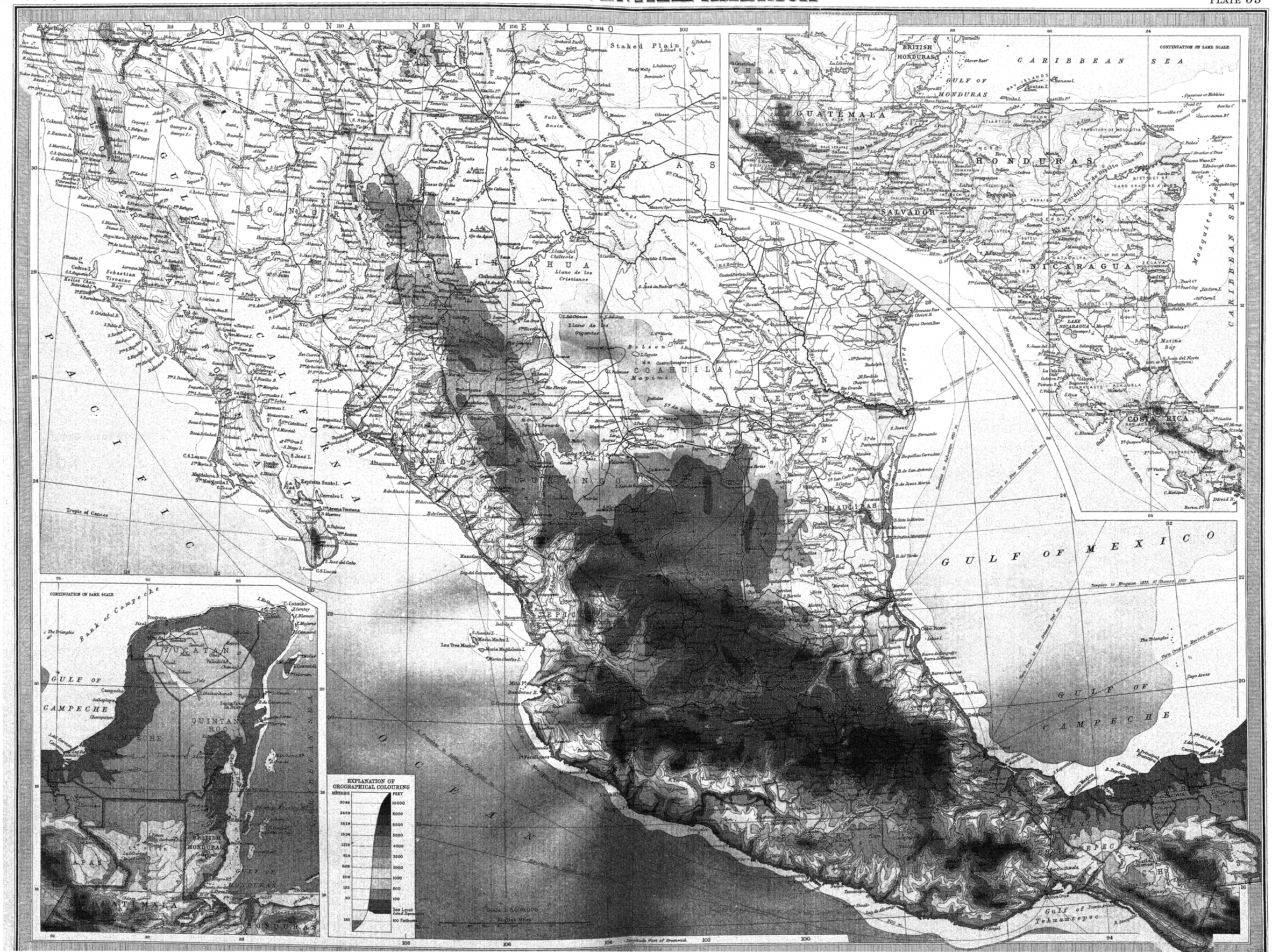
PATERSON
Hawthorne
Wayne
Totowa
Prospect Park
Pompton Plains
Wanaque
Ringwood
Franklin
Oakland
Ramsey
Mahwah
Suffern
Ramapo
Hillburn
Sloatsburg
Tuxedo
Greenwood Lake
Warwick
Florida
Goshen
Middletown
Monroe
Chester
Port Jervis
Milford
Matamoras
Delaware R.
Delaware Water Gap
Stroudsburg
Mount Pocono
Tobyhanna
Scranton
Carbondale
Honesdale
Hackettstown
Phillipsburg
Easton
Bethlehem
Allentown
Reading
Pottsville
Hazleton
Wilkes-Barre
Nanticoke
Berwick
Bloomsburg
Danville
Sunbury
Shamokin
Mount Carmel
Lewisburg
Selinsgrove
Lewistown
Mifflintown
Juniata R.
Susquehanna R.
Harrisburg
Middletown
Hummelstown
Lebanon
Annville
Palmyra
Hershey
Mount Gretna
Elizabethtown
Columbia
Lancaster
Manheim
Ephrata
Lititz
Mount Joy
Marietta
Chickies
Quarryville
Oxford
Coatesville
Downingtown
Phoenixville
Pottstown
Boyertown
Douglassville
Birdsboro
Kutztown
Fleetwood
Hamburg
Shoemakersville
Leesport
Wernersville
Sinking Spring
Wyomissing
Shillington
Mohnton
Adamstown
Denver
Ephrata
Manheim
Mount Joy
Elizabethtown
Middletown
Hummelstown
Palmyra
Annville
Lebanon
Mount Gretna
Lititz
Lancaster
Columbia

MEXICO

AND CENTRAL AMERICA

SCALE, 1 : 5,000,000

MEXICO & CENTRAL AMERICA



THE WEST INDIES

SCALE 1 : 5,000,000

Panama Canal. Environs of Kingston & Havana

Jamaica, Porto Rico & Trinidad

on scale of 1 : 2,500,000

THE WEST INDIES

BAHAMA ISLANDS (British)

GREAT BAHAMA BANK

GREAT ANTILLES

LESSER ANTILLES

CARIBBEAN SEA

JAMAICA (British)

HAITI

SANTO DOMINGO

PORTO RICO

Virgin Islands

LEEWARD ISLANDS

WINDWARD ISLANDS

CUBA

GULF OF MEXICO

GULF OF DARIEN

GULF OF PANAMA

COLOMBIA

VENEZUELA

GOLFO DE VENEZUELA

NICARAGUA

MOSQUITO BAR

Florida Reefs

Tropic of Cancer

Tortugas Keys

Marquesas Keys

Archipelago de los Canarreos

Archipiélago de los Colorados

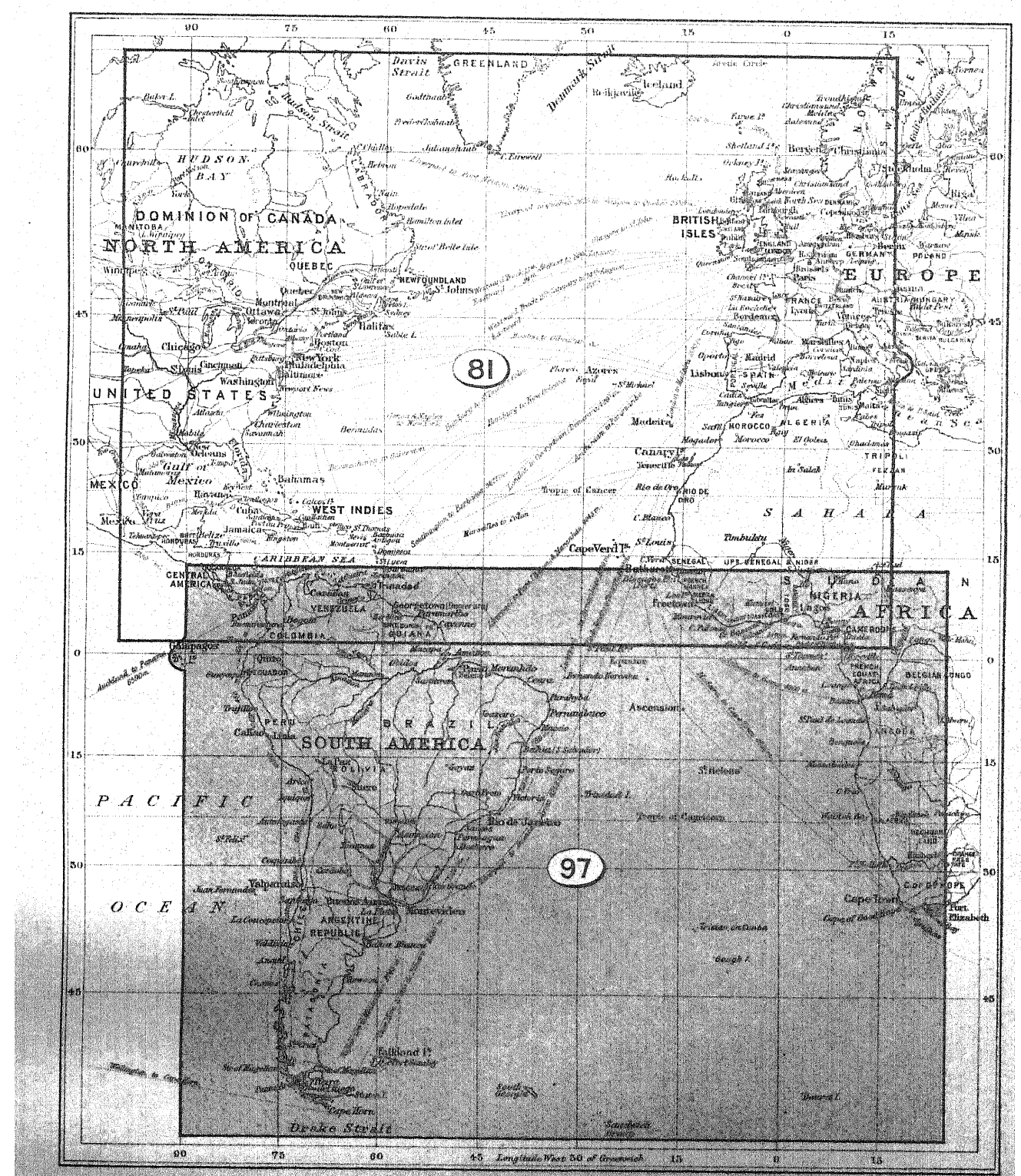
Archipiélago de los Jardines de la Reina

Archipiélago de los Jardines

Archipiél

SOUTH ATLANTIC OCEAN

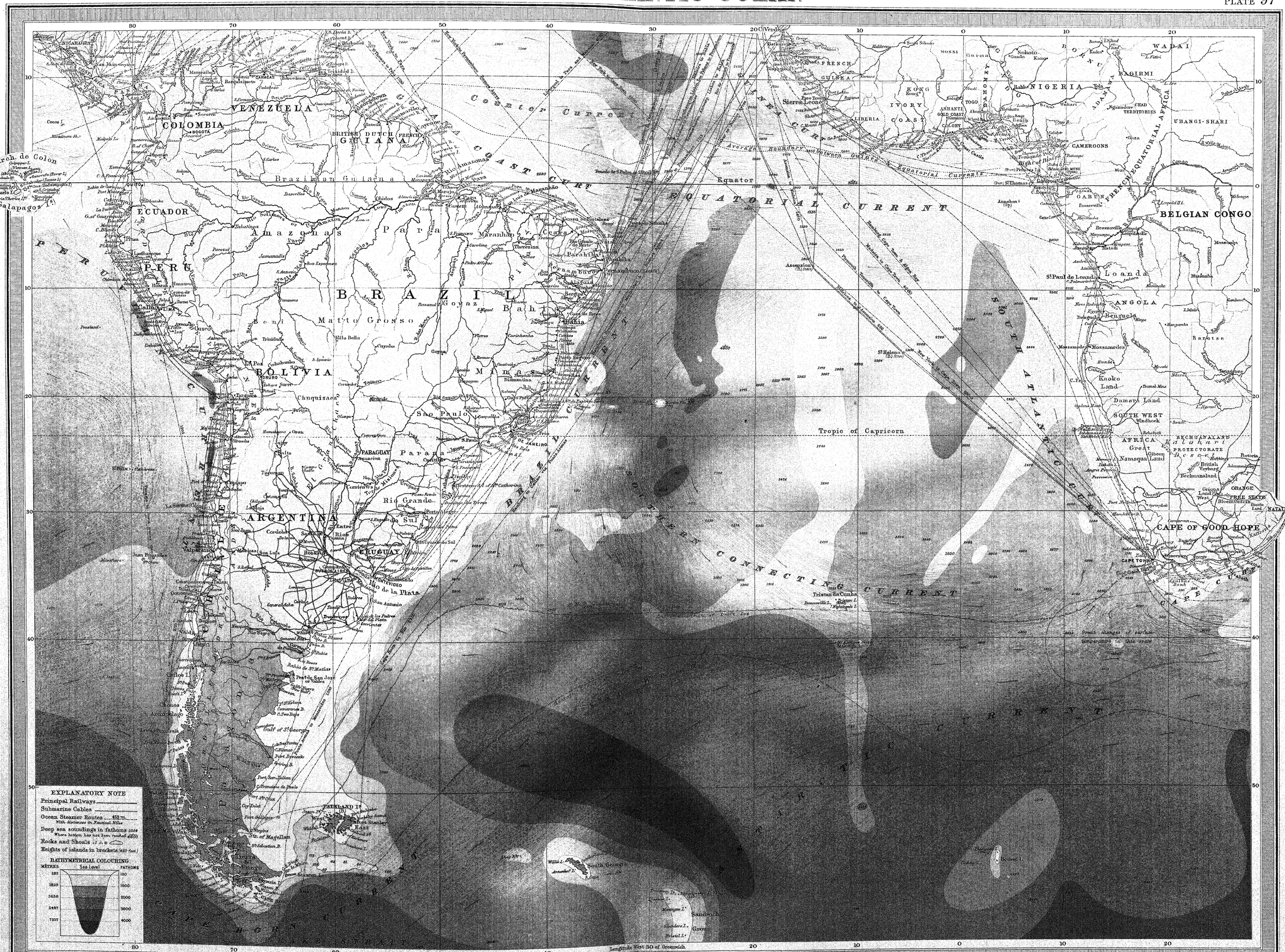
The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE ATLANTIC OCEAN

ON MERCATOR'S PROJECTION

SOUTH ATLANTIC OCEAN


Arch. de Colon
Galapagos I.
Albemarle I.
Charles I.
James I.
Indefatigable I.
Narborough I.
Abingdon I.
Wenman I.
Culpepper I.
Tower I.
Duncan I.
Pinta
Barrington I.
Chatham I.
Hood I.
Bindloe I.
Byam Martin I.
Albemarle I.
Crossman I.
Gardner I.
Charles I.
James I.
Indefatigable I.
Narborough I.
Abingdon I.
Wenman I.
Culpepper I.
Tower I.
Duncan I.
Pinta
Barrington I.
Chatham I.
Hood I.
Bindloe I.
Byam Martin I.
Albemarle I.
Crossman I.
Gardner I.
Equator
Tropic of Capricorn
Longitude West 30 of Greenwich
Counter Current
Brazilian Guiana Current
Equatorial Current
Benguela Current
Falkland Current
Cape Horn Current
South Atlantic Current
Antarctic Circumpolar Current
Cape Current
Agulhas Current
Southern Connecting Current
Average Boundary between Guinea & Equatorial Currents
Drift Ice
Great changes of surface temperature to the south
Deep Sea Soundings
Ocean Steamer Routes
Submarine Cables
Principal Railways
Liverpool to Para and Manaos 4300
New York to Para 2100
New York to Colon 1200
New York to Rio Janeiro 4800
New York to Buenos Aires 5500
Liverpool to Rio Janeiro 5100
Liverpool to Buenos Aires 6000
Liverpool to Montevideo 6000
Liverpool to Valparaiso 7000
Liverpool to Cape Town 6000
Liverpool to Natal 6300
Liverpool to Mauritius 7200
Liverpool to Aden 5400
Liverpool to Bombay 6300
Liverpool to Colombo 6600
Liverpool to Singapore 7800
Liverpool to Hong Kong 8600
Liverpool to Yokohama 9400
Liverpool to Melbourne 11600
Liverpool to Sydney 12000
Liverpool to Adelaide 11600
Liverpool to Brisbane 12000
Liverpool to Auckland 12000
Liverpool to Wellington 12000
Liverpool to Hobart 12000
Liverpool to Port Darwin 11600
Liverpool to Fremantle 11600
Liverpool to Albany 11600
Liverpool to Port Adelaide 11600
Liverpool to Port Pirie 11600
Liverpool to Port Augusta 11600
Liverpool to Port Lincoln 11600
Liverpool to Port Victoria 11600
Liverpool to Port Wakefield 11600
Liverpool to Port Germein 11600
Liverpool to Port Broughton 11600
Liverpool to Port Clinton 11600
Liverpool to Port Davenport 11600
Liverpool to Port Gawler 11600
Liverpool to Port Noarlunga 11600
Liverpool to Port Willunga 11600
Liverpool to Port Elliot 11600
Liverpool to Port Victor 11600
Liverpool to Port Wallaroo 11600
Liverpool to Port Moorowie 11600
Liverpool to Port Minlaton 11600
Liverpool to Port Vincent 11600
Liverpool to Port Adelaide 11600
Liverpool to Port Pirie 11600
Liverpool to Port Augusta 11600
Liverpool to Port Lincoln 11600
Liverpool to Port Victoria 11600
Liverpool to Port Wakefield 11600
Liverpool to Port Germein 11600
Liverpool to Port Broughton 11600
Liverpool to Port Clinton 11600
Liverpool to Port Davenport 11600
Liverpool to Port Gawler 11600
Liverpool to Port Noarlunga 11600
Liverpool to Port Willunga 11600
Liverpool to Port Elliot 11600
Liverpool to Port Victor 11600
Liverpool to Port Wallaroo 11600
Liverpool to Port Moorowie 11600
Liverpool to Port Minlaton 11600
Liverpool to Port Vincent 11600
EXPLANATORY NOTE
Principal Railways
Submarine Cables
Ocean Steamer Routes ... 452 m.
With distances in Nautical Miles
Deep sea soundings in fathoms 1058
Where bottom has not been reached 4800
Rocks and Shoals
Heights of islands in brackets (620 feet)
BATHYMETRICAL COLOURING
METRES
Sea Level
FATHOMS
183
100
1829
1000
3658
2000
5487
3000
7317
4000
NICARAGUA
COLOMBIA
VENEZUELA
ECUADOR
PERU
BRAZIL
BOLIVIA
PARAGUAY
URUGUAY
ARGENTINA
BRITISH GUIANA
DUTCH GUIANA
FRENCH GUIANA
Brazilian Guiana
Amazonas
Para
Maranhão
Ceara
Piauhy
Goyaz
Bahia
Matto Grosso
Minas Geraes
Rio de Janeiro
São Paulo
Parana
Rio Grande do Sul
Chuquisaca
Cochabamba
Oruro
La Paz
Lima
Callao
Arequipa
Cuzco
Iquique
Valparaiso
Santiago
Mendoza
San Luis
Cordoba
Santa Fé
Entre Rios
Corrientes
Rosario
Buenos Aires
Montevideo
Rio de la Plata
Bahia Blanca
Rio Negro
Port Desire
Port St Julian
Port Famine
Gulf of St George
Falkland Is
West Falkland
East Falkland
Port Stanley
Mt. of Magellan
Tierra del Fuego
Staten I.
Cape Horn
Trinidad
Barbados
Caracas
Barcelona
Maracaibo
Bogota
Cartagena
Panama
Guayaquil
Pernambuco
Bahia
Rio Janeiro
Santos
Asuncion
Sierra Leone
Liberia
Ivory Coast
Ashanti
Gold Coast Colony
Togo
Dahomey
Nigeria
Kong
Mossi
Guinea
Sokoto
Gando
Kano
Bornu
Wadai
Bagirmi
Adamawa
Chad Territories
Ubangi-Shari
Cameroons
Gaza
Gabun
French Equatorial Africa
Belgian Congo
Loanda
St Paul de Loanda
Angola
Benguela
Mossamedes
Kaoko Land
Damara Land
South West Africa
Great Namaqua Land
Bechuanaland Protectorate
British Bechuanaland
Orange Free State
Natal
Cape of Good Hope
Cape Town
Port Elizabeth
Durban
Ascension (G.B.)
St Helena (G.B.)
Tristan da Cunha
Inaccessible I.
Nightingale I.
South Georgia
Sandwich
Gough
Bouvet I.
Prince Edward I.
Marion I.
Crozet I.
Kerguelen I.
Amsterdam I.
St Paul I.
Trinidad
Martin Vaz I.
Fernando Noronha
Rocas
St Peter & St Paul Rocks
Pedro Affonso
Penedo de S. Pedro e S. Paulo
Ponta de Mangues
Ponta de Tubarão
Ponta de Calcanhar
Ponta de Pedras
Ponta de Maracanã
Ponta de Jericoacoara
Ponta de Mucuripe
Ponta de Areia Preta
Ponta de Tibau
Ponta de Cabedello

SOUTH AMERICA

POLITICAL MAP

SOUTH AMERICA – POLITICAL

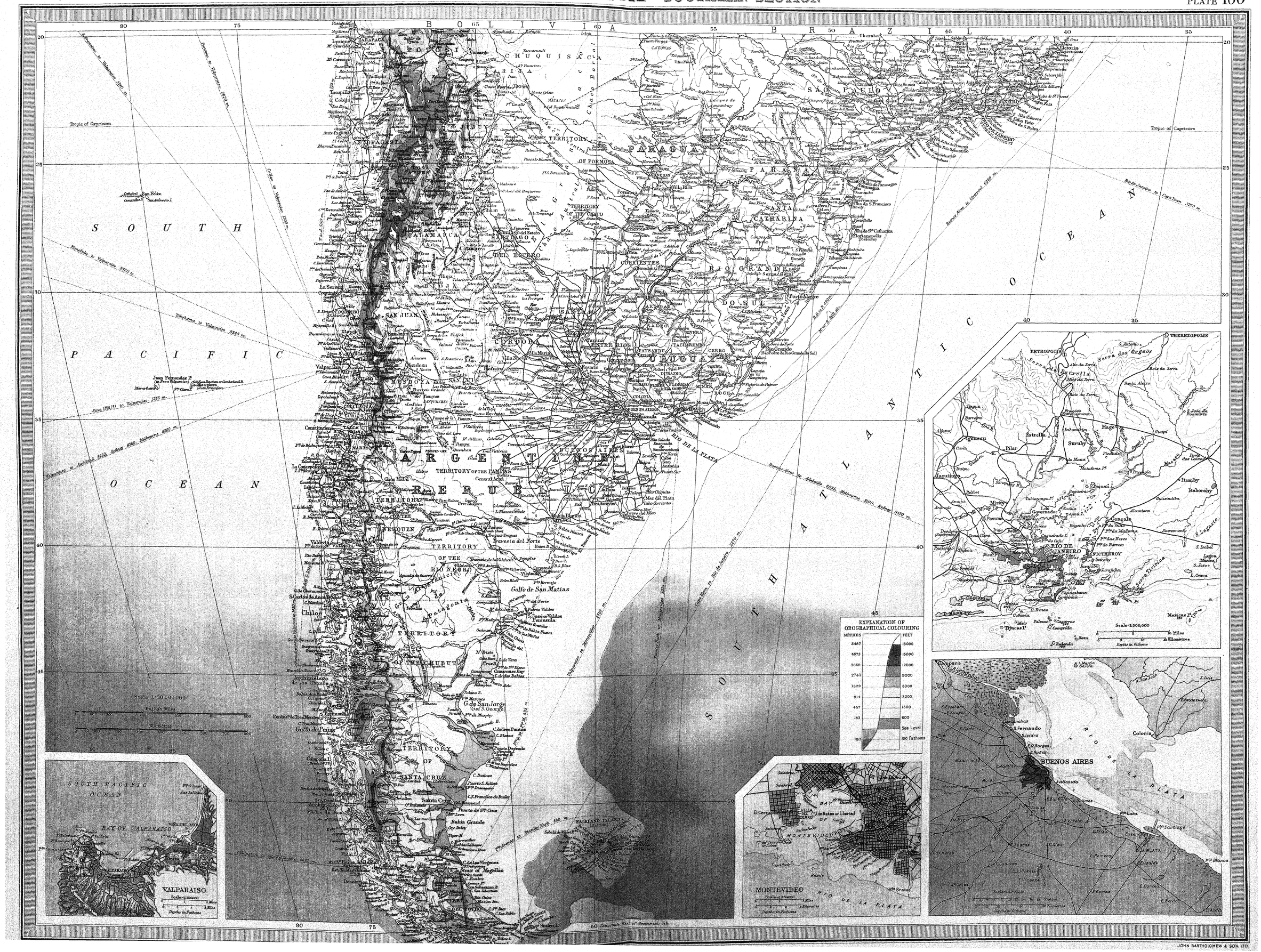
SOUTH AMERICA

SOUTHERN SECTION

SCALE 1 : 10,000,000

Envs. of Rio de Janeiro, Buenos Aires, Montevideo and Valparaiso

SOUTH AMERICA - SOUTHERN SECTION



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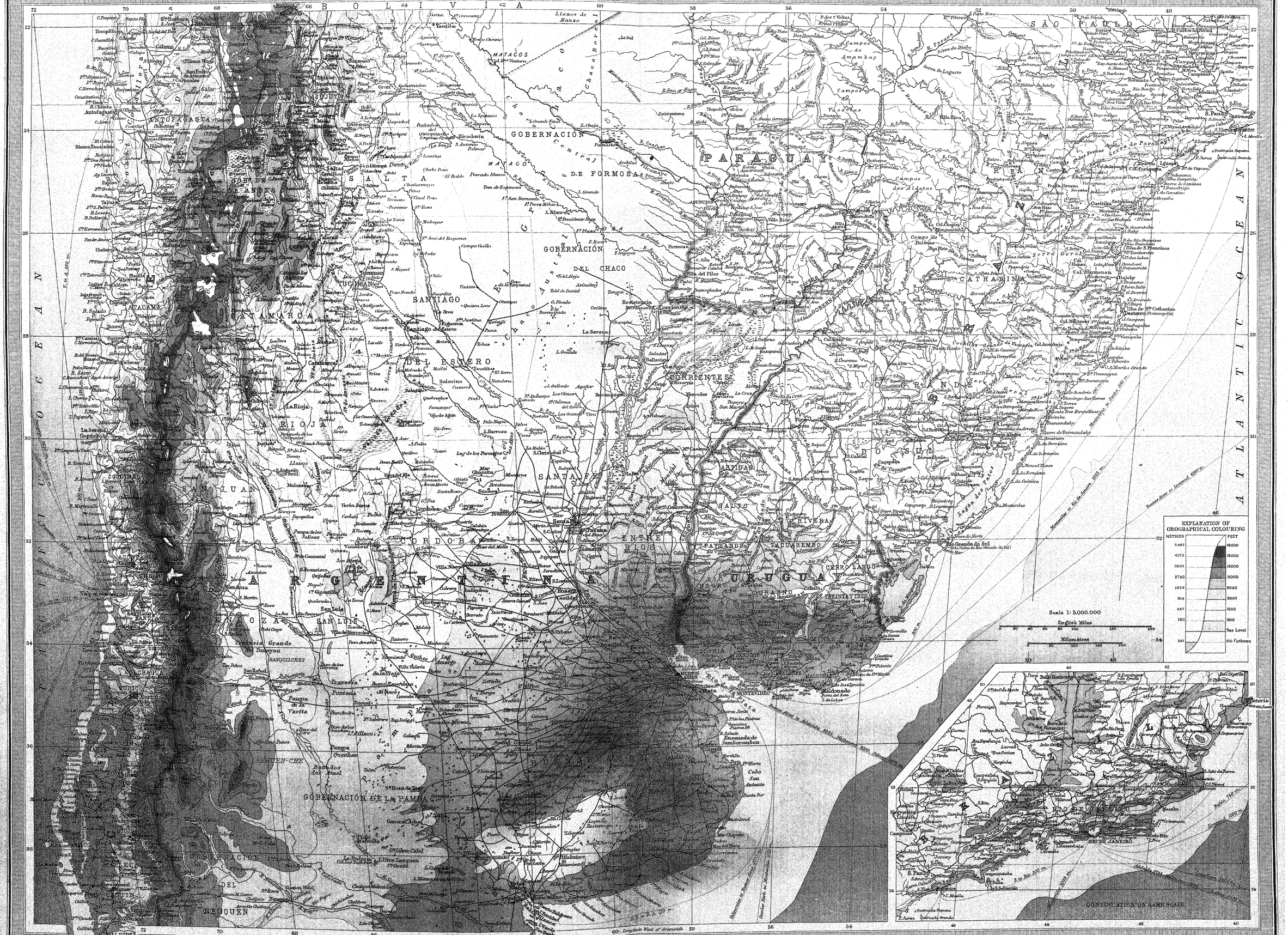
ARGENTINA, CHILI, &c.

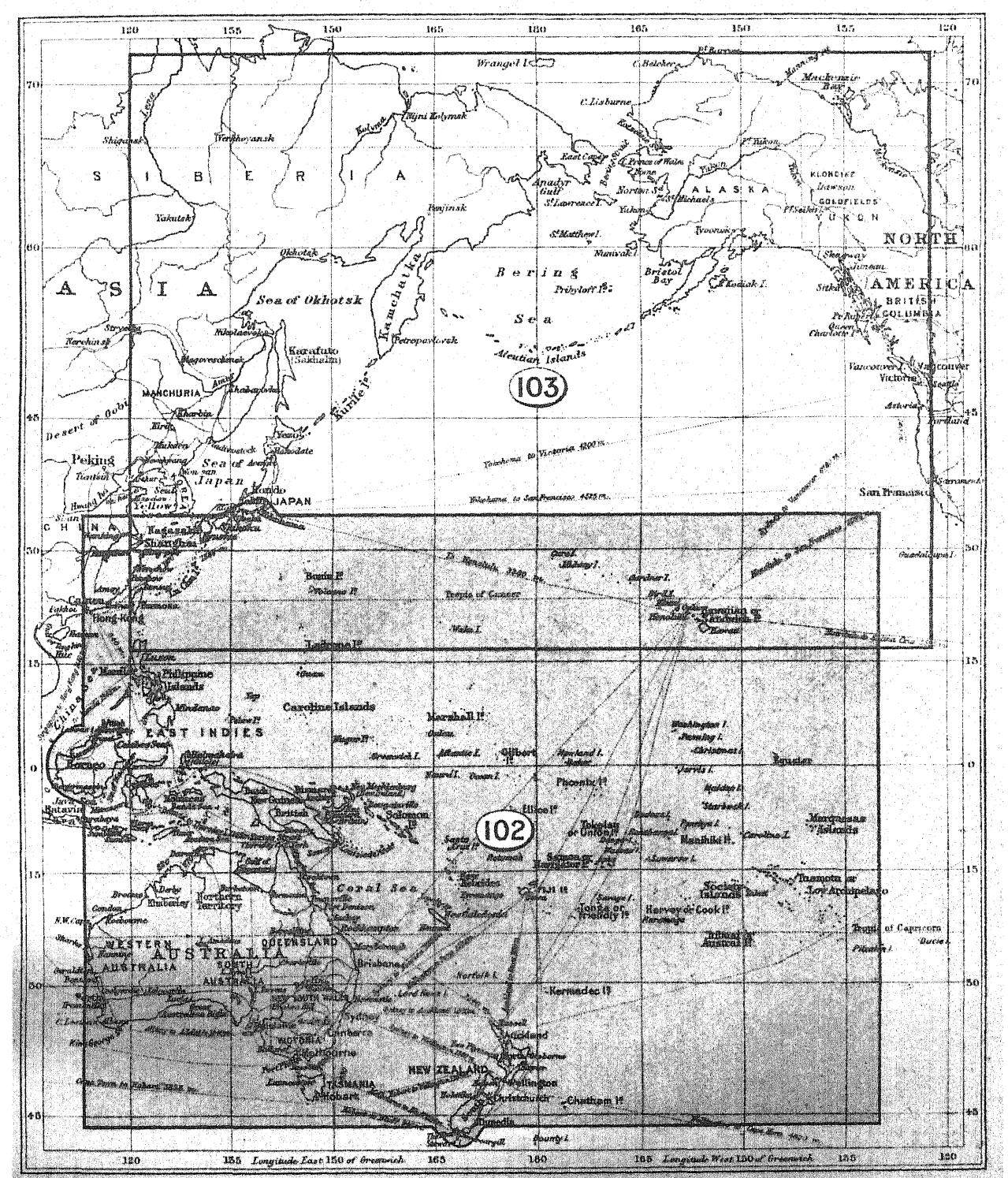
SCALE 1 : 5,000,000

ARGENTINA, CHILE, &c.


B O L I V I A
P A R A G U A Y
A R G E N T I N A
C H I L E
U R U G U A Y
ANTOFAGASTA
JUJUY
SALTA
LOS ANDES
TUCUMAN
CATAMARCA
ATACAMA
LA RIOJA
SAN JUAN
MENDOZA
SAN LUIS
CORDOBA
SANTA FE
ENTRE RIOS
CORRIENTES
DEL ESTERO
DEL CHACO
GOBERNACION DE FORMOSA
GOBERNACION DEL CHACO
GOBERNACION DE LA PAMPA
GOBERNACION DEL NEUQUEN
GOBERNACION DEL CHUBUT
GOBERNACION DEL SANTA CRUZ
GOBERNACION DEL TERRITORIO DE MISIONES
MATACOS
MAYAGO
Llanos de Manzo
Gran Chaco Boreal
Gran Chaco Central
Gran Chaco Austral
Sierras Pampeanas
Cordillera de los Andes
Pampa de la Varita
Pampa Quenhen
PEHUEN-CHE
Bañados del Mañel
Campos de Amambay
Campos dos Alegres
Campos Geraes
Serra do Diabo
Serra do Cadeado
Serra do Espigão
Serra do Mar
Serra Geral
Serra de Maracayu
Serra de Caapoan
Serra de Tapes
Serra de Yacuy
Serra de Haedo
Cuchilla Grande
Cuchilla de Haedo
Cuchilla de Santa Ana
Cuchilla de Caraguata
Cuchilla de Tres Arboles
Cuchilla de Tres Cruces
Cuchilla de Tres Puntas
Cuchilla de Tres Puntas
Cuchilla de Tres Puntas

SOUTH PACIFIC OCEAN

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE PACIFIC OCEAN

ON MERCATOR'S PROJECTION

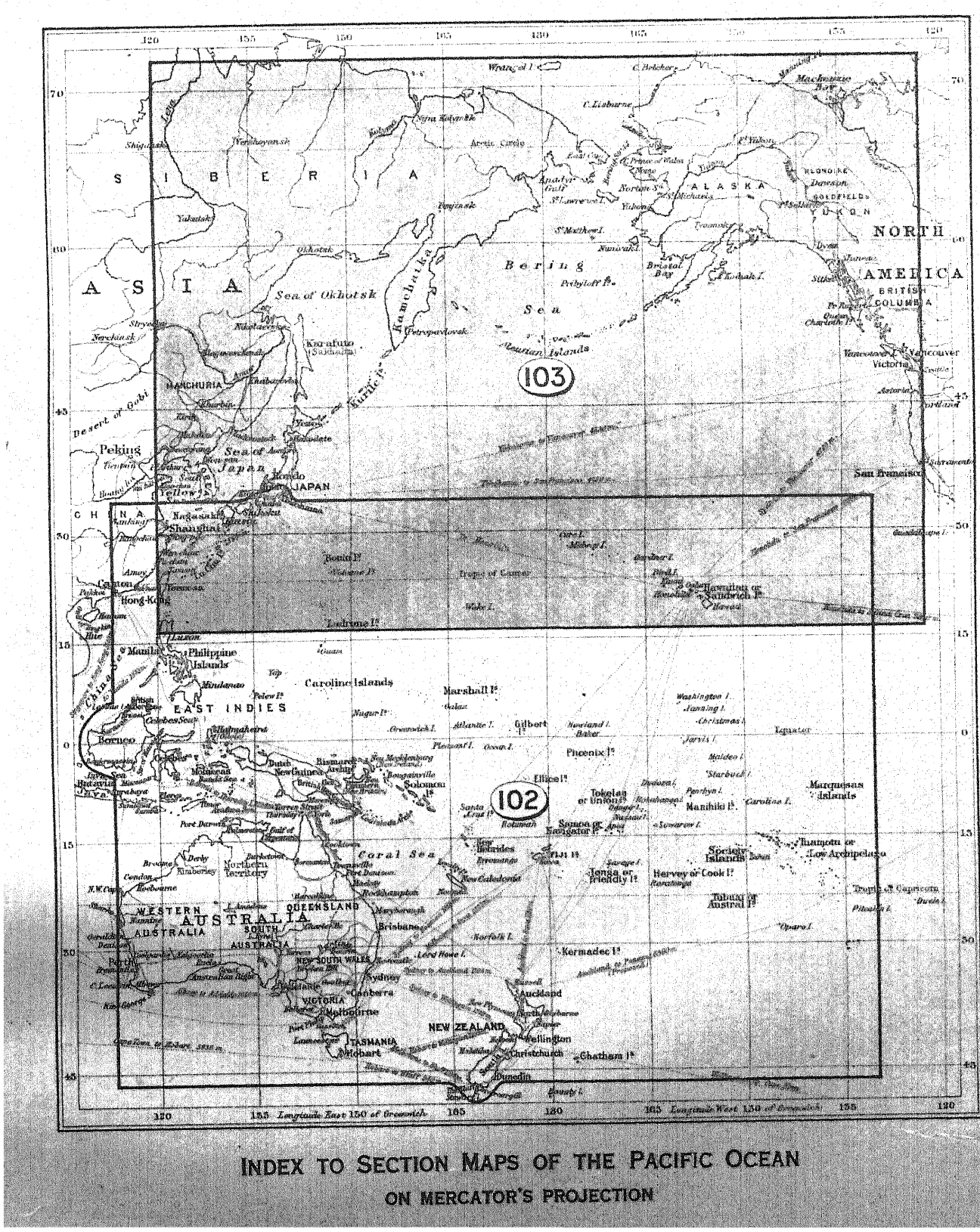
SOUTH PACIFIC OCEAN

Continued on Map 84

CHINA
SOUTH CHINA SEA
EAST INDIAN ARCHIPELAGO
PHILIPPINE ISLANDS
Luzon
Mindoro
Palawan
Samar
Mindanao
Sulu Archipelago
BORNEO
CELEBES
CELEBES SEA
BANDA SEA
ARAFURA SEA
TIMOR SEA
Timor
Sumba or Sandalwood I.
Flores
Java
Sumatra
Sarawak
Labuan
Singapore
Malacca
Andaman Is.
Nicobar Is.
Ceylon
Maldive Is.
Laccadive Is.
Chagos Archipelago
Diego Garcia
Amirante Is.
Seychelles
Aldabra Is.
Farquhar Is.
Providence I.
Cosmoledo Is.
Assumption I.
Astove I.
Comoro Is.
Mayotte
Mozambique Channel
Madagascar
Europa I.
Bassas da India
Juan de Nova I.
Tromelin I.
Rodriguez I.
Mauritius
Réunion
Agalega Is.
St. Brandon or Cargados Is.
Amsterdam I.
St. Paul I.
Kerguelen I.
Heard I.
McDonald Is.
Crozet Is.
Prince Edward Is.
Marion I.
Gough I.
Tristan da Cunha
Inaccessible I.
Nightingale Is.
Gough I.
Bouvet I.
Sandwich Is.
South Georgia
South Orkney Is.
South Shetland Is.
Graham Land
Palmer Archipelago
Weddell Sea
Enderby Land
Kemp Land
Queen Mary Land
Wilkes Land
Adélie Land
Victoria Land
Ross Sea
Ross Dependency
Ross Ice Shelf
Edward VII Land
Marie Byrd Land
Ellsworth Land
Antarctic Peninsula

NORTH PACIFIC OCEAN

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF THE PACIFIC OCEAN

ON MERCATOR'S PROJECTION

NORTH PACIFIC OCEAN

EXPLANATORY NOTE

Principal Railways

Submarine Cables

Ocean Steamer Routes ..... 432 m.
With distances in Nautical Miles

Deep sea soundings in fathoms 1014
Where bottom has not been reached 4800

Rocks and Shoals

Heights of islands in brackets (620 feet.)

RATHYMETRICAL COLOURING

METRES	Sea level	FATHOMS
183		100
1829		1000
3658		2000
5487		3000
7317		4000

Longitude East of Greenwich

Longitude West of Greenwich

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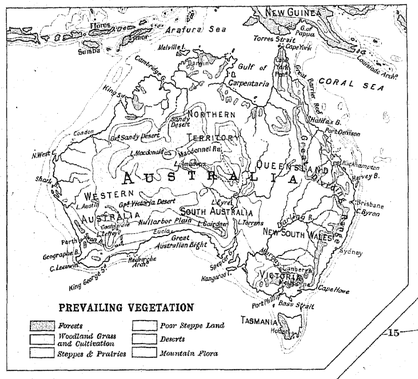
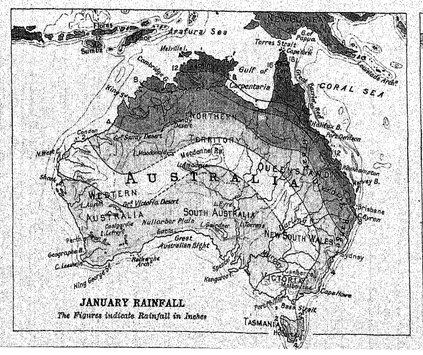
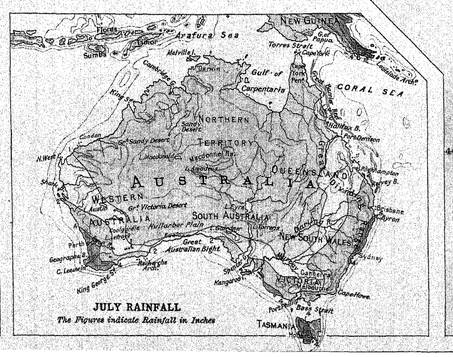
AUSTRALIA

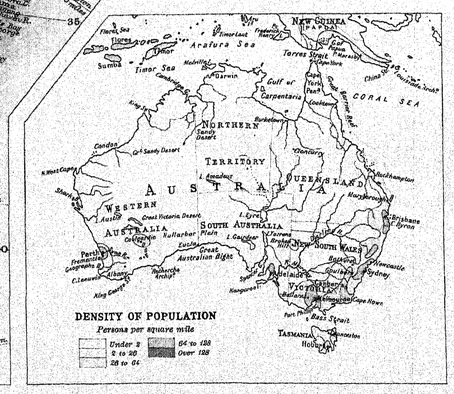
Political Map

AUSTRALIA - POLITICAL









AUSTRALIA

WESTERN SECTION

SCALE 1 : 6,000,000

AUSTRALIA – WESTERN SECTION

ARAFURA SEA
TIMOR SEA
INDIAN OCEAN
GREAT AUSTRALIAN BIGHT
Great Sandy Desert
Gibson Desert
Great Victoria Desert
Sandy Desert
Nullarbor Plains
Darwin to Thursday I. 735 miles
Fremantle to Adelaide 1335 miles
Albany to Adelaide 1040 miles
Cape Town to Fremantle 4710 miles
Cable to Banjawangi (Java)
Cable to Benkulen (Java)
Cable
Tropic of Capricorn
Longitude East 124 of Greenwich
Scale 1: 6,000,000
English Miles
Kilometres
Railways
Steamer Routes
Telegraph Lines
Cables
TIMOR
Kupang
Sahul Shoal
Hibernia Shoal
Cartier I.
Scott Reef
Seringapatam Reef
Browse I.
Lynher Reef
Adele I.
Rowleys Shoals
Mermaid Shoal
Clerke Reef
Imperieuse Shoal
Ashmore Reefs
Cartier I.
Hibernia Reef
Vlaming Head
North Reef
Rottnest I.
Carnac I.
Garden I.
Penguin I.
Five Fathom Bank
Cockatoo I.
Long I.
Buccaneer Archipelago
Bonaparte Archipelago
Joseph Bonaparte Gulf
Cambridge Gulf
Admiralty Gulf
King Sound
Collier Bay
Napier Broome Bay
Vansittart Bay
Camden Sound
Prince Regent R.
Mitchell R.
Ord R.
Fitzroy R.
Lennard R.
Margaret R.
Gascoyne R.
Murchison R.
Swan R.
Canning R.
Darling Range
Blackwood R.
Leschenault Inlet
Geographe Bay
Flinders Bay
Cape Leeuwin
Cape Naturaliste
Cape Mentelle
Cape Freycinet
Cape Arid
Esperance Bay
Recherche Archipelago
Archipelago of the Recherche
Eyre Peninsula
Spencer Gulf
Gulf St Vincent
Investigator Strait
Kangaroo I.
Yorke Peninsula
Fleurieu Peninsula
Encounter Bay
Lake Alexandrina
Lake Albert
Lake Eyre (North)
Lake Eyre (South)
Lake Torrens
Lake Gairdner
Lake Macdonnell
Lake Amadeus
Lake Mackay
Lake Gregory
Lake Disappointment
Lake Barlee
Lake Austin
Lake Moore
Lake Grace
Lake Magenta
Lake Yeo
Lake Hope
Lake Cowan
Lake Lefroy
Lake Barlee
Lake Carnegie
Lake Wells
Lake Rason
Lake Ballard
Lake Darlot
Lake Raeside
Lake Miranda
Lake Mackay
Lake Gregory
Lake Disappointment
Lake Macdonnell
Lake Torrens
Lake Gairdner
Lake Eyre (South)
Lake Eyre (North)
Lake Frome
Lake Callabonna
Lake Blanche

AUSTRALIA

EASTERN SECTION

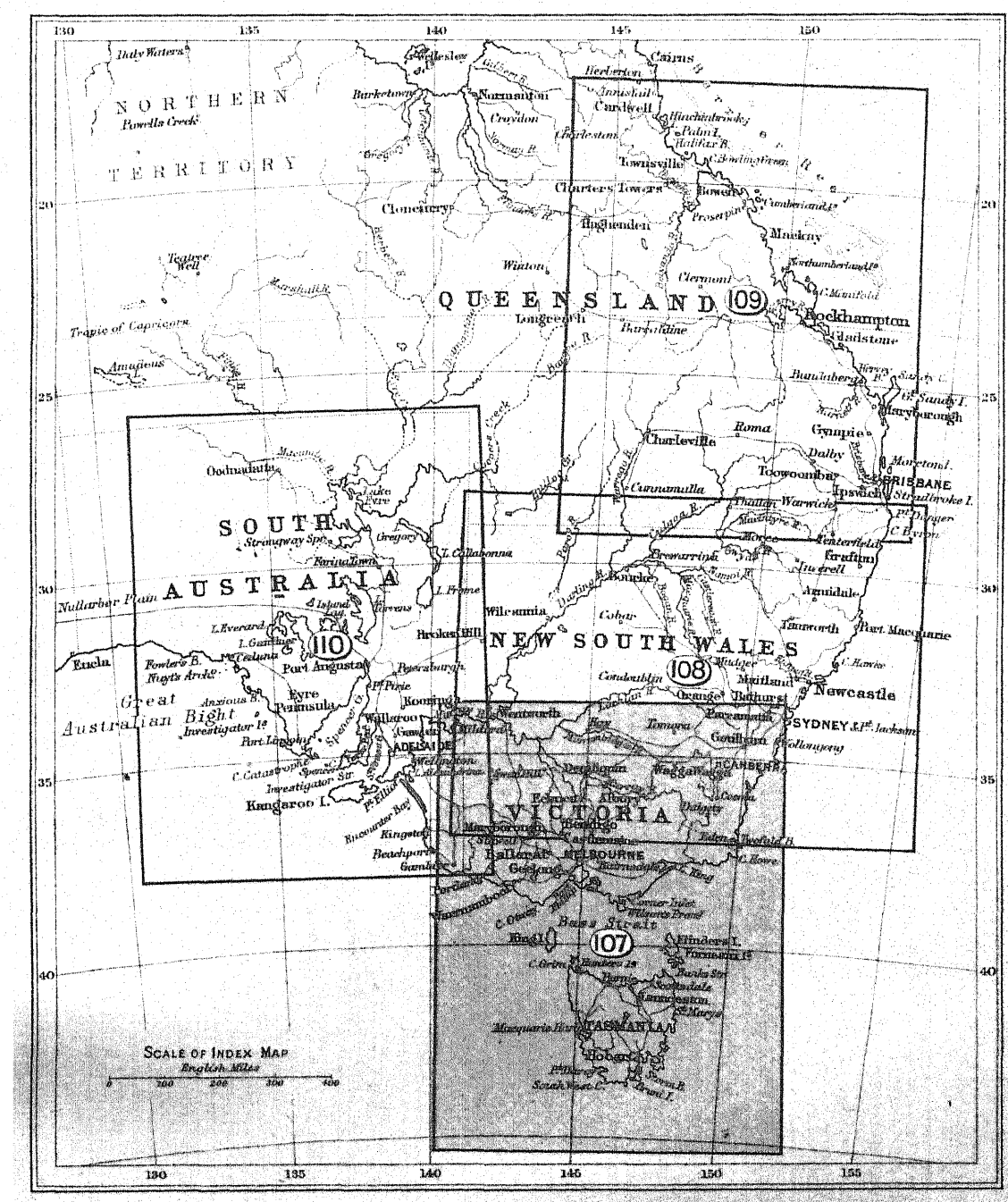
SCALE 1 : 6,000,000

AUSTRALIA - EASTERN SECTION

PAPUA
EASTERN DISTRICT
LOUISIADE ARCHIPELAGO
TORRES STRAIT
GULF OF CARPENTARIA
CAPE YORK PENINSULA
CORAL SEA
THE GREAT BARRIER REEF
PACIFIC OCEAN
NORTHERN TERRITORY
QUEENSLAND
NEW SOUTH WALES
SOUTH AUSTRALIA
VICTORIA
BASS STRAIT
Swain Reefs
Capricorn Channel
Tropic of Capricorn
Curtis Channel
Frederick Reef
Kenn Reef
Wreck Reef
Bird I.
Sandy Cape
Indian Rd.
Fraser or Great Sandy I.
Moreton I.
Stradbroke I.
Moreton Bay
Hervey Bay
Gt. Sandy Strait
Wide Bay
Maryborough
Bundaberg
Gladstone
Rockhampton
Mackay
Townsville
Cairns
Port Douglas
Cooktown
Thursday I.
Prince of Wales I.
Horn I.
Booby I.
Murray I.
Darnley I.
Mt. Adolphus
Mt. Ernest
Mt. Dalrymple
Mt. Elliot
Mt. Bartle Frere
Mt. Bellenden Ker
Mt. Finnigan
Mt. Pieter Botte
Mt. Sorrow
Mt. Windsor
Mt. Haig
Mt. Isa
Mt. Morgan
Mt. Coolon
Mt. Dryander
Mt. Hay
Mt. Wheeler
Mt. Woodroffe
Mt. Conner
Ayers Rock
Mt. Olga
Mt. Liebig
Mt. Sonder
Mt. Zeil
Mt. Gillen
Mt. Hamilton
Mt. Arden
Mt. Cornish
Mt. Davenport
Mt. Chambers
Mt. Lyndhurst
Mt. Serle
Mt. Freeling
Mt. Barker
Mt. Lofty
Mt. Remarkable
Mt. Brown
Mt. Arapiles
Mt. Gambier
Mt. Schank
Mt. Hotham
Mt. Buffalo
Mt. Bogong
Mt. Feathertop
Mt. Kosciusko
Mt. Townsend
Mt. Clarke
Mt. Imlay
Mt. Dromedary
Mt. Gardner
Mt. Wellington
Mt. Cameron
Mt. Strzelecki
Mt. Hamilton
Mt. Lindesay
Mt. Barney
Mt. Warning
Mt. Coolum
Mt. Tinbeerwah
Mt. Beerwah
Mt. Cooroy
Mt. Mee
Mt. Perry
Mt. Walsh
Mt. Abbot
Mt. Dalgety
Mt. Kaputar
Mt. Foster
Mt. Hope
Mt. Brisbane

VICTORIA AND TASMANIA

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AUSTRALIA

ON SCALE OF 1:2,500,000

VICTORIA & TASMANIA

Continued on Map 103

Continued on Map 103

NEW SOUTH WALES

SOUTH AUSTRALIA

PACIFIC OCEAN

BASS STRAIT

TASMANIA

PORT PHILIP BAY

Old Man Plain

Australia & Tasmania Telegraph

Melbourne to Sydney 576 miles

Melbourne to Auckland 1640 miles

Melbourne to Wellington 1500 miles

Melbourne to Hobart 640 miles

Melbourne to Launceston 205 miles

Melbourne to Adelaide 448 miles

Melbourne to Albany 2250 miles

Hobart to Launceston 120 miles

Hobart to Wellington 1230 miles

Hobart to Auckland 1860 miles

Hobart to Sydney 940 miles

Cape Town to Hobart 5838 miles

Albany to Hobart 2201 miles

Launceston to Eden 340 miles

Melbourne to Adelaide 680 miles

Melbourne to Albany 1680 miles

Melbourne to Fremantle 2440 miles

Melbourne to Perth 2440 miles

Melbourne to Sydney 576 miles

Melbourne to Auckland 1640 miles

Melbourne to Wellington 1500 miles

Hobart to Auckland 1860 miles

Hobart to Sydney 940 miles

Cape Town to Hobart 5838 miles

Albany to Hobart 2201 miles

Hobart to Wellington 1230 miles

Hobart to Launceston 120 miles

Melbourne to Launceston 205 miles

Melbourne to Adelaide 448 miles

Melbourne to Albany 1680 miles

Melbourne to Fremantle 2440 miles

Melbourne to Perth 2440 miles

Scale 1:2,500,000

English Miles 0 10 20 30 40 50 60 70 80 90 100

Kilometres 0 10 20 30 40 50 60 70 80 90 100

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
1829	6000
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500
0	Sea Level
92	50
183	100 Fathoms

Scale 1:250,000

Depths in Fathoms

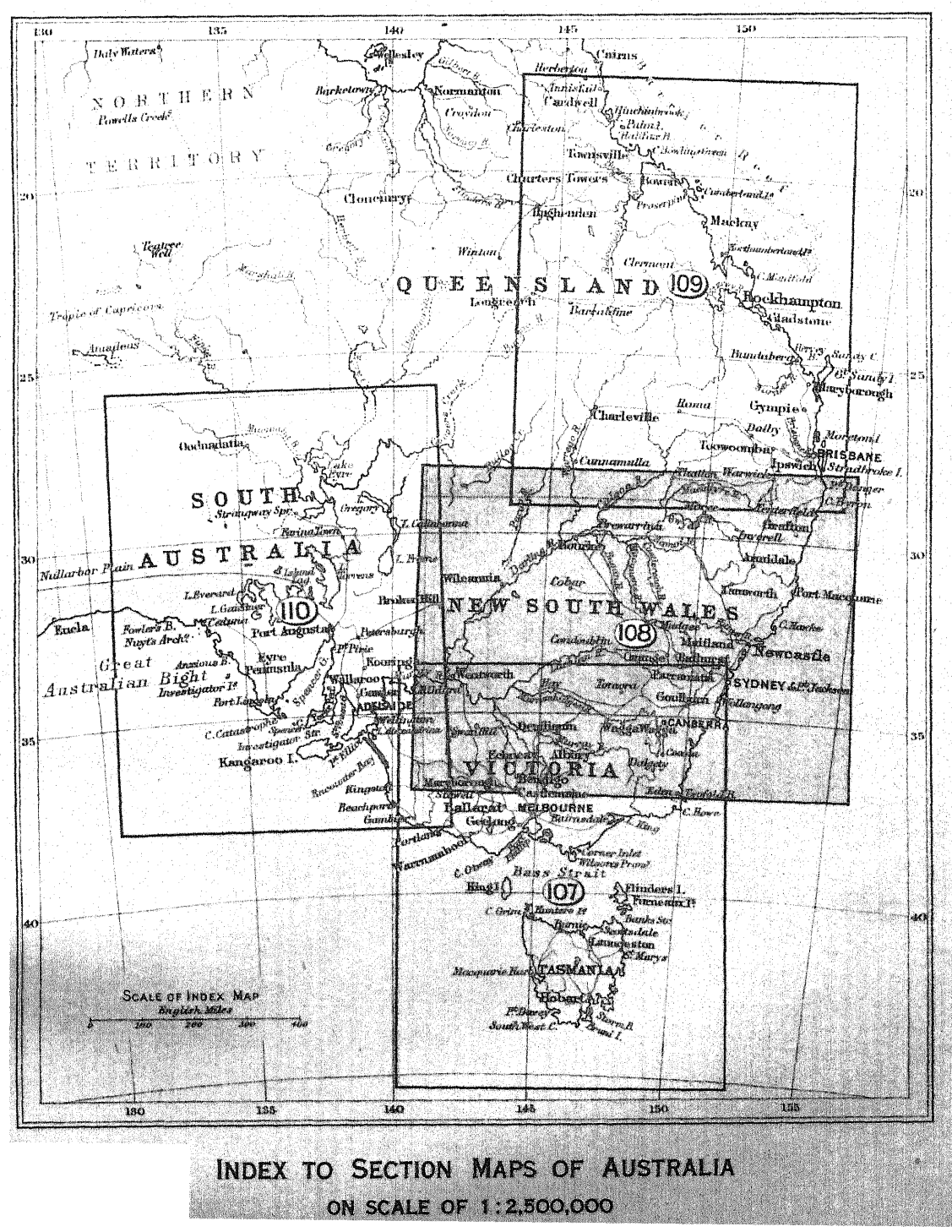
Scale 1:250,000

Depths in Fathoms

Longitude East of Greenwich

NEW SOUTH WALES

The Shaded Area on Index Map shows the extent of this Plate



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ON SCALE OF 1:2,500,000

NEW SOUTH WALES

Continued on Map 109

Continued on Map 110

QUEENSLAND

NEW SOUTH WALES

VICTORIA

SOUTH AUSTRALIA

PACIFIC OCEAN

CARRUTHERS CAMERON PITTEROO TITHEROO WYARA NUMALLA NOORAMA BELMORE

KUNGEE NEBINE CLIVE BENTINCK DUNDAS

RUNGEROOK THOULCANNA CULGOA STARYLTON

DELALAH IRRARA NARRA BENARABA BURNETT ARRAWATTA CLIVE RICHMOND DRAKE

POOLE TONGOWOKO FINCH COURALLIE GOUGH

ULARARA BARONA GUNDERBOCKA DENHAM JAMISON MURCHISON GRESHAM

WANTARA EVELYN FITZGERALD LANDSBOROUGH CLYDE HARDINGE FITZROY

COWPER LEICHHARDT BARADINE WHITE NANDEWAR DARLING CANDOWIE RALEIGH

MOOTWINGEE FARNELL KILLARA YANDA YUNGNULGRA GRIEGORY DENNISTON KINGVALE DUMARESQ

RANKIN CANBELEGO FOTTINGER

ROBINSON YOUNG WILCANNIA BOOROONDARRA GOWEN NAPIER BUCKLAND HAWES MACQUARIE

WERUNDA OXLEY NEWMAR

TANCUWINNA TANDORA FLINDERS

MOURAMBA WOORESOUTHWALES KENNEDY PHILLIP GLOUCESTER STROUD

MENINDEE WINDEYER PERRY MANARA CUNNINGHAM GORDON HUNTER

FRANKLIN DOWLING GIPPS ASHBURNHAM ROXBURGH NORTHUMBERLAND

TARA WENTWORTH KILFERA WALJEERS NICHOLSON FORBES GOOLMA CUMBERLAND

TAILA STURT COOPER BLAND MONTAGUE GIPPSLAND WESTMORELAND SIDNEY

WARADGERY BOURKE CANOBOLAS GLEDSTANES

MILLEWA CARNARVON HARDINGE

WAROOLVA TOWNSEND MITCHELL WINMARLEIGH

GUNDAGAI GIPPSLAND

CATCHERA DENISON HUME GOULBURN

CAPELL IMBOOMBA

BERRIMA

BENAMBRA

GLENELG

DALHOUSIE

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET.
1219	6000
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500
92	Sea Level
183	100 Fathoms

Scale 1:250,000 Miles

Longitude East of Greenwich

Scales 1:110,000 Miles

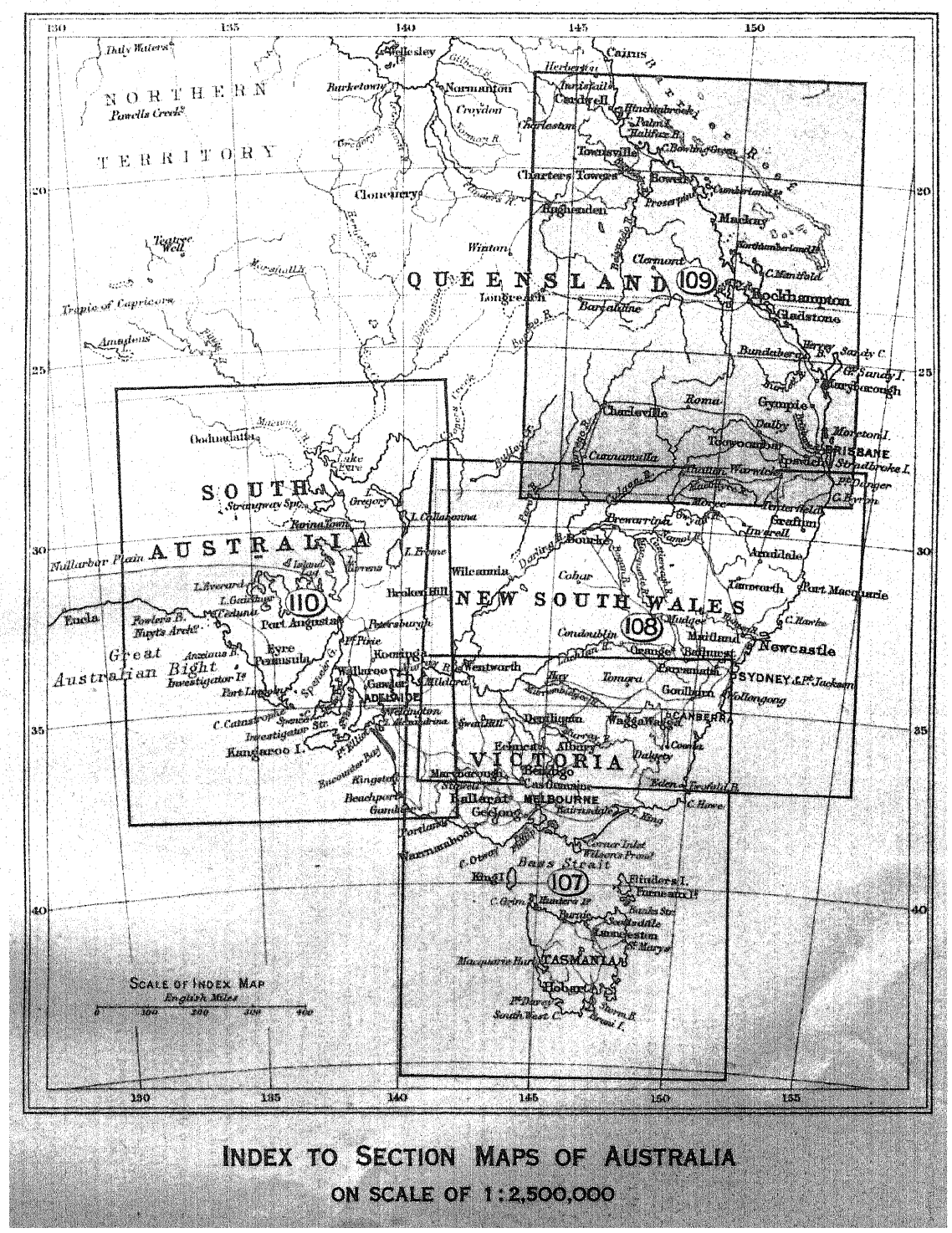
Depths in Fathoms

BOTANY BAY

Cape Banks

EASTERN QUEENSLAND

The Shaded Area on Index Map shows the extent of this Plate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NORTHERN TERRITORY
QUEENSLAND
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SOUTH AUSTRALIA
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NEW SOUTH WALES
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Tasman Sea
Coral Sea
Gulf of Carpentaria
Arafura Sea
Timor Sea
Bass Strait
Tropic of Capricorn
Millarbar Plain
Daly Waters
Powells Creek
Barkly Tableland
Burketown
Normanton
Croydon
Cloncurry
Mt Isa
Winton
Longreach
Barcaldine
Clermont
Charleville
Roma
Dalby
Toowoomba
Warwick
Goondiwindi
Cunnamulla
Thargomindah
Eromanga
Birdsville
Oodnadatta
Lake Eyre
Strangways Spgs
Alice Springs
L. Gregory
L. Callabonna
L. Frome
Broken Hill
Wilcannia
Cobar
Bourke
Brewarrina
Walgett
Coonamble
Gilgandra
Dubbo
Orange
Bathurst
Lithgow
Mudgee
Singleton
Maitland
Newcastle
Port Macquarie
Taree
Kempsey
Grafton
Casino
Lismore
Tweed Heads
Inverell
Armidale
Tamworth
Gunnedah
Narrabri
Moree
Goondiwindi
Dirranbandi
St George
Roma
Miles
Chinchilla
Dalby
Toowoomba
Warwick
Stanthorpe
Texas
Inglewood
Goondiwindi
Boggabilla
Mungindi
Collarenebri
Walgett
Coonamble
Gilgandra
Dubbo
Wellington
Orange
Bathurst
Lithgow
Katoomba
Blue Mountains
Penrith
Parramatta
Sydney
Botany Bay
Port Jackson
Wollongong
Nowra
Batemans Bay
Moruya
Bega
Eden
Cooma
Canberra
Yass
Gunning
Goulburn
Crookwell
Young
Cootamundra
Temora
Junee
Wagga Wagga
Albury
Corowa
Deniliquin
Hay
Balranald
Mildura
Wentworth
Broken Hill
Menindee
Ivanhoe
Hillston
Condobolin
Forbes
Parkes
Peak Hill
Dubbo
Coonabarabran
Gunnedah
Quirindi
Tamworth
Scone
Muswellbrook
Singleton
Cessnock
Maitland
Newcastle
Gosford
Wyong
Woy Woy
Hornsby
Manly
Port Stephens
Nelson Bay
Forster
Taree
Wingham
Kempsey
Macksville
Nambucca Heads
Coffs Harbour
Grafton
Maclean
Yamba
Casino
Kyogle
Lismore
Ballina
Byron Bay
Tweed Heads
Murwillumbah
Mullumbimby
Brunswick Heads
Evans Head
Woodburn
Coraki
Alstonville
Ballina
Lismore
Casino
Kyogle
Tenterfield
Glen Innes
Inverell
Warialda
Moree
Narrabri

EASTERN QUEENSLAND

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500
	Sea Level
82	50
183	100 Fathoms

Scale 1:2,500,000

English Miles 0 10 20 30 40 50 60 70 80 90 100

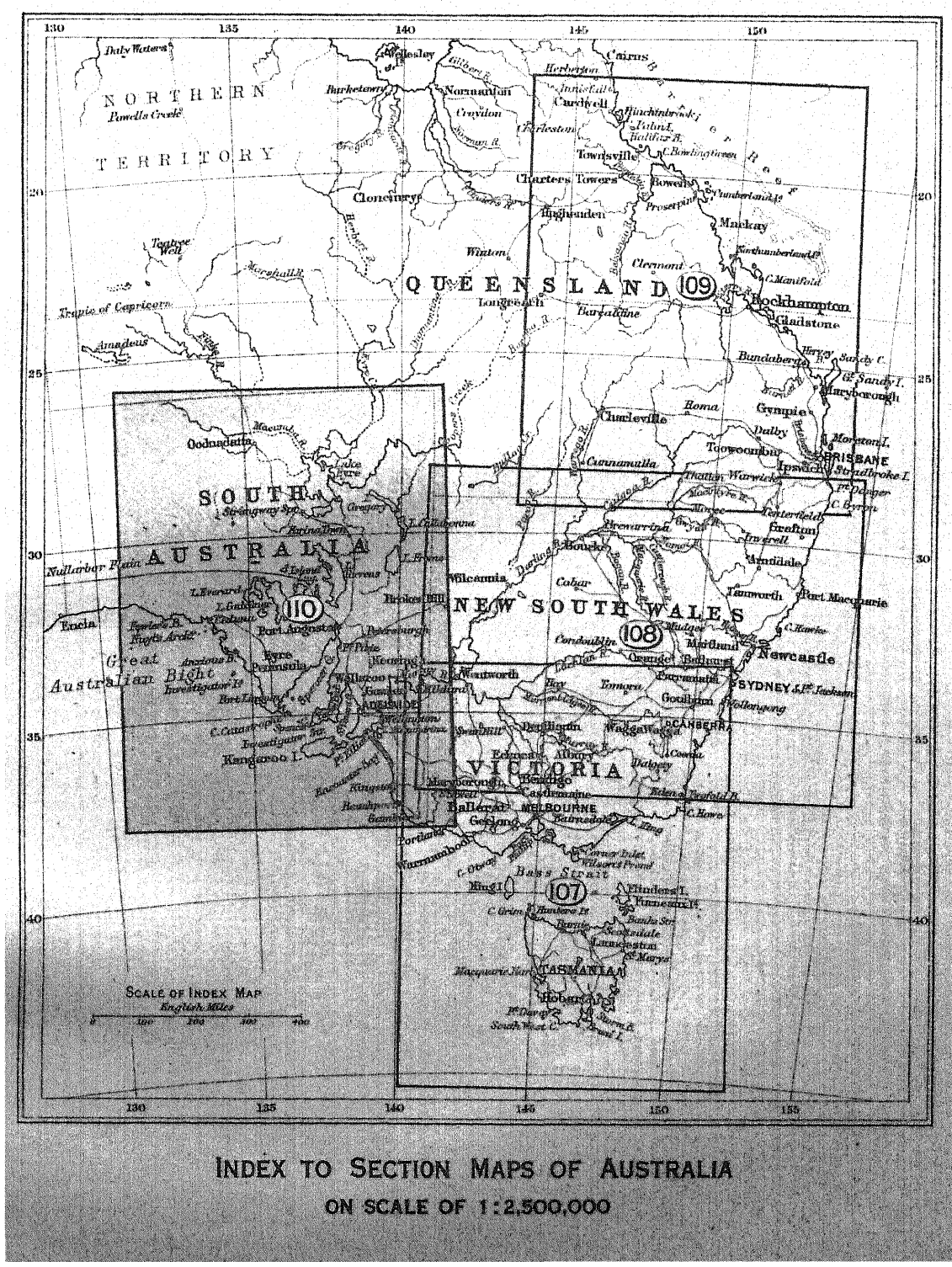
Kilometres 0 10 20 30 40 50 60 70 80 90 100

Scale 1:250,000 — 5 0 5 Miles — Depths in Fathoms

Continued on Map 108

SOUTH AUSTRALIA

The Shaded Area on Index Map shows the extent of this Plate



INDEX TO SECTION MAPS OF AUSTRALIA

ON SCALE OF 1:2,500,000

SOUTH AUSTRALIA

NORTHERN TERR. — QUEENSLAND — NEW SOUTH WALES — VICTORIA

Charlotte Waters

Goyder's Lagoon

Lake Eyre North

Lake Eyre South

Lake Torrens

Lake Frome

Lake Gairdner

Lake Callabonna

Lake Blanche

Lake Gilles

Lake Macfarlane

Lake Everard

Lake Amadeus

Lake Hart

Lake Harris

Lake Labyrinth

Island Lagoon

Pernatty Lagoon

Lake Torrens

Lake Frome

Lake Callabonna

Lake Blanche

Lake Gilles

Lake Macfarlane

Lake Everard

Lake Amadeus

Lake Hart

Lake Harris

Lake Labyrinth

Island Lagoon

Pernatty Lagoon

Flinders Ra.

Warburton Ra.

Everard Ranges

Musgrave Ra.

Mann Ra.

Tomkinson Ra.

Petermann Ra.

Denison Ra.

Olgas

Ayers Rock

Mt. Conner

Mt. Olga

Mt. Connor

Mt. Ebenezer

Mt. Cavenagh

Mt. Hay

Mt. Dare

Mt. Margaret

Mt. Finke

Mt. Chandler

Mt. Sarah

Mt. Abbott

Mt. Hamilton

Mt. Wedge

Mt. Finke

Mt. Dare

Mt. Margaret

Mt. Chandler

Mt. Sarah

Mt. Abbott

Mt. Hamilton

Mt. Wedge

Mt. Hay

Mt. Conner

Mt. Olga

Mt. Connor

Mt. Ebenezer

Mt. Cavenagh

NEW ZEALAND

SCALE 1 : 2,500,000

Environs of Auckland, Wellington, Christchurch, Dunedin.

NEW ZEALAND

Scale 1: 2,500,000

English Miles 0 10 20 30 40 50 60 70 80 90 100

Kilometres 0 10 20 30 40 50 60 70 80 90 100

NORTH ISLAND

SOUTH ISLAND

TASMAN SEA

PACIFIC OCEAN

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
2439	8000
1829	6000
1524	5000
1219	4000
914	3000
609	2000
304	1000
152	500
	Sea Level
91	50 Fathoms
183	100

Longitude East of Greenwich

ISLANDS OF OCEANIA

ON UNIFORM SCALE OF 1:3,000,000

ISLANDS OF OCEANIA

ON UNIFORM SCALE

NEW HEBRIDES
(To United Kingdom & France)

VANUA LAVA
BANKS ISLANDS
GAUA (St.a Maria)
ESPIRITU-SANTO (MARINA)
AURORA (MAEWO)
ABOA (Lopevi)
PENTECOST (ARAGH)
MALLICOLO (MALEKULA)
AMBRYM
EPI (TASIKO)
Shepherd Is.
Three Mountains (Mui I.)
NEW HEBRIDES
Montagne (Sgana)
EFATE (SANDWICH)
ERROMANGO
TANNA
Aneityum (Inchkeri) or Futuna
Aniwa (Rina)

EXPLANATION OF OROGRAPHICAL COLOURING

METRES	FEET
3049	10000
1829	6000
914	3000
457	1500
152	500
Sea Level	
183	100 Fathoms
1829	1000

HAWAIIAN ISLANDS
(To United States)

KAUAI
OAHU
Honolulu
Molokai
MAUI
Lanai
HAWAII
Kohala
Hilo Bay
Mauna Kea 13825
Mauna Loa 13675
Huualalai 8275
Kilauea 4040
Kealakekua Bay
Kawaihae
Kawaihae B.
Kawaihae Pt.
Alenuihaha Channel
Kaieie Waho Channel
Kaieie Channel

COOK ISLANDS
(To New Zealand)

Atiu
Mitiaro
Mauke
Takutea
Rarotonga
Mangaia

SAMOAN IS.
(To New Zealand & United States)

SAVAII
UPOLU
Apia
Matautu Harb.
Safotulafai
Tutuila
Leone B.
Pago Pago
Tutuila Harb.
Aunuu I.
Tau
Olosinga
Ofu
Manua Is
(U.S.)
(To New Zealand)

SOCIETY IS.
(To France)

Motu Iti
Bora Bora
Tahaa
Raiatea
Huahine
Maupiti
Tetiaroa
Tubuai Manu
TAHITI
Papeete
Matea
Murea
Moorea
Tetiaroa

MARQUESAS IS.
(To France)

Nukuhiva or Marchand
Hivaoa or Dominica
Tahuata or St.e Christina
Ua Huka or Washington
Ua Pu or Adams
Roberts Is.
Resource Bay
Massachusetts B.
Port Anna
Port Harrison
Port Madison
Taiohae
Hanamenu B.
Hanapaoa B.
Hanamoenoa B.
Hanahevi B.
Hanatetena B.
Hanaiapa B.
Hanaiapa
Hanamoenoa
Hanapaoa
Hanahevi
Hanatetena
Atuona
Vaitahu
Hanavave
Hanamenu